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CONFERENCES ON EPIDEMIC POLIOMYELITIS AT THE MEETING OF THE AMERICAN PUBLIC HEALTH ASSOCIATION, MILWAUKEE, WIS., SEPTEMBER 5-9, 1910.

By W. H. FROST, Passed Assistant Surgeon, United States Public Health and Marine-Hospital Service.

Although there was no discussion of epidemic poliomyelitis upon the programme of the association, a considerable number of members of the association were sufficiently interested in the subject to meet informally to discuss various aspects of this disease as a public health problem. Two such conferences were held, one on September 8 and one on September 9, attended by representatives from California, Connecticut, Iowa, Maryland, Massachusetts, Minnesota, New Jersey, Pennsylvania, Rhode Island, South Carolina, Virginia, Wisconsin, the District of Columbia, and the Province of Ontario. Poliomyelitis was reported to have been unusually prevalent in all of these districts and epidemic in most of them.

The questions most fully discussed at the conferences were:

1. The advisability of making anterior poliomyelitis a reportable disease. It was unanimously agreed that reports of this disease should be required by law. Of the States represented, Massachusetts, New Jersey, Pennsylvania, Minnesota, and Virginia have already made the disease reportable.

2. The advisability of quarantining cases. While there were some differences of opinion as to the rigidity of the quarantine which should be enforced, there was a general consensus of opinion to the effect that all cases should be isolated for at least two weeks from the date of onset; that the premises should be placarded; that children known to be in contact with cases of poliomyelitis should be excluded from schools for a period of two or three weeks. Regulations requiring complete family quarantine were considered by most of those present to be impracticable.

3. The disinfection of discharges from the patient. This was unanimously recommended.

Other points discussed were the relation of abortive cases and carriers to the spread of epidemics; the effect of climatic and seasonal conditions upon epidemics; the relation of paralysis of animals to human poliomyelitis; the possibility of transmission by insects; the infectiousness of fomites; the early diagnosis of the disease.

These conferences, as well as conversations with various state health officials actively engaged in the study of epidemic poliomyelitis, proved highly instructive, giving some idea of the extent of prevalence of epidemics of poliomyelitis during the past summer, of the great variations in epidemics as regards virulence and apparent contagiousness, and of the practical difficulties in the way of effectual prevention.

UNITED STATES.

REPORTS TO THE SURGEON-GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

PLAGUE-PREVENTION WORK.

Surgeon Blue reports:

ANIMALS EXAMINED FOR PLAGUE INFECTION.

During the week ended September 24, 1910, there were examined for plague infection at the federal laboratory at San Francisco and the branch laboratories at Oakland and Los Angeles, Cal., animals as follows: Squirrels, 3,238; rabbits, 8; gophers, 2; weasels, 1; rats, 2,055. The rats were identified as follows: *Mus norvegicus* 1,834, *Mus rattus* 91, *Mus alexandrinus* 92, *Mus musculus* 38.

No plague-infected animals were found.

DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities on San Francisco Bay, 1,750 acres of land in Contra Costa County and 44 in San Mateo County were covered with poison during the week ended September 24, 1910.

SEATTLE, WASH.

Assistant Surgeon Chapin reports:

During the week ended September 24, 1910, 924 rats were collected. Of these 790 were necropsied and examined for plague infection. No plague-infected rats were found.

Record of Plague Infection.

Place.	Date of last case of human plague.	Date of last case of rodent plague.	Total number of rodents found infected since May, 1907.
California:			
Cities—			
San Francisco.....	Jan. 30, 1908	Oct. 23, 1908	338 rats.
Oakland.....	Oct. 26, 1909	Dec. 1, 1908	126 rats.
Berkeley.....	Aug. 28, 1907	None recorded.	
Los Angeles.....	Aug. 11, 1908	Aug. 21, 1908	1 squirrel.
Counties—			
Alameda (exclusive of the city of Oakland)...	Sept. 26, 1909	May 30, 1910	82 squirrels, 1 wood rat.
Contra Costa.....	July 21, 1908	Sept. 10, 1910	247 squirrels.
Merced.....	None recorded.	June 6, 1910	2 squirrels.
Monterey.....	do.	do.	4 squirrels.
San Benito.....	June 5, 1910	July 11, 1910	20 squirrels.
San Joaquin.....	None recorded.	Aug. 19, 1910	6 squirrels.
San Luis Obispo.....	do.	Jan. 29, 1910	1 squirrel.
Santa Clara.....	Sept. 5, 1910	June 22, 1910	22 squirrels.
Santa Cruz.....	None recorded.	May 17, 1910	3 squirrels.
Stanislaus.....	do.	May 21, 1910	5 squirrels.
Washington:			
Seattle.....	Oct. 30, 1907	Feb. 8, 1910	22 rats.

Rats Collected and Examined for Plague Infection.

Place.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Berkeley	Sept. 24	.....	a 128	107	.....
Oakland	do	33	b 713	628	.....
San Francisco	do	45	c 1,716	1,320	.....
Washington:					
Seattle	do	.....	924	790	.....
Total		78	3,481	2,845	.....

a Identified, *Mus norvegicus* 107, *Mus musculus* 21.

b Identified, *Mus norvegicus* 637, *Mus rattus* 1, *Mus musculus* 85.

c Identified, *Mus norvegicus* 1,211, *Mus rattus* 90, *Mus musculus* 323, *Mus alexandrinus* 92.

Squirrels Collected and Examined for Plague Infection.

Place.	Week ended—	Trapped and shot.	Found dead.	Examined.	Found infected.
California:					
Cities—					
San Francisco	Sept. 24	8	.....	8	.....
Counties—					
Calaveras	do	99	.....	99	.....
Contra Costa	do	196	7	203	.....
Fresno	do	333	.....	329	.....
Los Angeles	do	89	.....	89	.....
Merced	do	156	19	158	.....
Monterey	do	270	.....	263	.....
Napa	do	4	.....	4	.....
Sacramento	do	183	.....	181	.....
San Joaquin	do	369	.....	361	.....
San Luis Obispo	do	1,101	1	1,076	.....
San Mateo	do	86	9	95	.....
Santa Clara	do	39	.....	39	.....
Solano	do	216	.....	209	.....
Tuolumne	do	124	.....	124	.....
Total		3,265	36	3,230	.....

Other Animals Collected and Examined.

Place.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
City—				
San Francisco	Sept. 24.	6 gophers	2	.....
Counties—				
Fresno	do	1 rabbit	1	.....
Sacramento	do	3 rabbits	3	.....
San Luis Obispo	do	1 weasel	1	.....
Tuolumne	do	4 rabbits	4	.....
Total		15	11	.....

Cholera in an immigrant.

Doctor Doty, quarantine officer of the port of New York, reports as follows:

The steamship *Germania* arrived in New York on September 26, having left Naples September 13. One immigrant who had been under treatment en route for malaria was removed September 26 to the quarantine for observation though without symptoms of cholera. These developed, however, after catharsis, and the case resulted fatally September 29. Bacteriological examination of the dejecta demonstrated the cholera bacillus.

SMALLPOX IN THE UNITED STATES.

Reports Received During Week Ended October 14, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile	Sept. 25-Oct. 1.....	4		
Louisiana:				
New Orleans.....	.....do.....	4		
Mississippi:				
Marshall County.....	.....do.....	1		
Yazoo City.....	.....do.....	1		
Nebraska:				
Lincoln	July 1-31.....	1		
North Carolina:				
Alamance County.....	.....do.....	1		
Anson County.....	.....do.....	2		
Bladen County.....	.....do.....	10		
Brunswick County.....	.....do.....	2		
Buncombe County.....	.....do.....	1		
Cabarrus County.....	.....do.....	1		
Chatham County.....	.....do.....	1		
Davidson County.....	.....do.....	10		
Durham County.....	.....do.....	5		
Forsyth County.....	.....do.....	1		
Gaston County.....	.....do.....	1		
Guilford County.....	.....do.....	11		
Haywood County.....	.....do.....	4		
Iredell County.....	.....do.....	6		
Lincoln County.....	.....do.....	1		
Martin County.....	.....do.....	1		
Mecklenburg County.....	.....do.....	10		
Nash County.....	.....do.....	1		
New Hanover County.....	.....do.....	13		
Orange County.....	.....do.....	6		
Person County.....	.....do.....	3		
Pitt County.....	.....do.....	5		
Robeson County.....	.....do.....	1		
Rowan County.....	.....do.....	2		
Stanly County.....	.....do.....	9		
Union County.....	.....do.....	3		
Warren County.....	.....do.....	1		
Watauga County.....	.....do.....	1		
Wilkes County.....	.....do.....	2		
Ohio:				
Franklin County.....	Sept. 1-30.....	2		
Hamilton County.....	.....do.....	1		
Jackson County.....	.....do.....	3		
Lucas County.....	.....do.....	1		
Ross County.....	.....do.....	1		
Pennsylvania, entire State.....	July 1-31.....	23	1	
Do.....	Aug. 1-31.....	4		

Reports Received from June 25 to October 7, 1910.

[For reports received from January 1, 1910, to June 24, 1910, see Public Health Reports for June 24, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Birmingham.....	June 12-Aug. 6....	11		
Mobile.....	June 12-Sept. 10..	14		
Montgomery.....	June 12-25.....	6		
Total for State.....		31		
Arkansas:				
Fort Smith.....	June 19-25.....	1		
California, general.....	May 1-June 30....	27		
Amador County.....	July 1-Aug. 31....	2		
Hamlet County.....	Aug. 1-31.....	2		
Los Angeles County.....	July 1-31.....	1		
Sacramento County.....	Aug. 1-31.....	1		
San Francisco County.....	July 1-Aug. 31....	2		
San Joaquin County.....	July 1-Aug. 31....	4		
Santa Clara County.....	July 1-31.....	2		
Total for State.....		41		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to October 7, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Colorado:				
Conejos County.....	Apr. 1-30.....	.....	1	
Las Animas County.....	Mar. 1-Apr. 30.....	.....	2	
Logan County.....	May 1-31.....	.....	1	
Montrose County.....	Apr. 1-30.....	.....	1	
Adams County.....	July 1-31.....	3		
Archuleta County.....	June 1-Aug. 31.....	17		
Chaffee County.....	July 1-Aug. 31.....	3		
Clear Creek County.....	Aug. 1-31.....	1		
Conejos County.....	June 1-Aug. 31.....	4		
Delta County.....	June 1-30.....	2		
Denver County.....	June 1-Aug. 31.....	35		
El Paso County.....	July 1-Aug. 31.....	3		
Huerfano County.....	June 1-Aug. 31.....	15		
Kit Carson County.....	June 1-30.....	4		
Larimer County.....	June 1-30.....	1		
Las Animas County.....	June 1-Aug. 31.....	7		
Logan County.....	June 1-30.....	1		
Mesa County.....	June 1-30.....	1		
Montrose County.....	June 1-30.....	5		
Otero County.....	June 1-30.....	4		
Prowers County.....	June 1-July 31.....	12		
Pueblo County.....	July 1-31.....	1		
Rio Grande County.....	June 1-30.....	4		
Saguache County.....	June 1-July 31.....	13		
San Miguel County.....	June 1-30.....	1	1	
Teller County.....	June 1-July 31.....	2		
Weld County.....	June 1-30.....	5		
Total for State.....		144	6	
District of Columbia:				
District of Columbia.....	July 3-Sept. 10.....	14		
Total for District.....		14		
Florida:				
Brevard County.....	Aug. 7-13.....	1		
Duval County.....	June 19-25.....	2		
Gadsden County.....	July 3-Aug. 13.....	11		
Hillsboro County.....	July 17-Aug. 6.....	2		
Jackson County.....	June 19-Aug. 6.....	3		
Jefferson County.....	July 10-Aug. 6.....	4		
Leon County.....	Mar. 1-31.....	.....	1	
Liberty County.....	July 17-23.....	14		
Santa Rosa County.....	July 31-Aug. 6.....	2		
Taylor County.....	July 3-9.....	1		
Walton County.....	June 12-18.....	1		
Total for State.....		41	1	
Georgia:				
Columbus.....	July 3-9.....	6		
Macon.....	Apr. 1-June 30.....	8		
Total for State.....		14		
Illinois:				
Adams County.....	June 1-30.....	2		
Clay County.....	June 1-30.....	1		
Coles County.....	June 1-Aug. 31.....	30		
Cook County.....	June 1-30.....	1		
Chicago.....	June 1-Aug. 31.....	3		
Edgar County.....	June 1-30.....	2		
Franklin County.....	June 1-30.....	1		
Henry County.....	July 1-31.....	3		
Iroquois County.....	June 1-30.....	1		
Jo Daviess County.....	June 1-July 31.....	9		
Kendall County.....	June 1-July 31.....	2		
Knox County.....	June 1-July 31.....	6		
Madison County.....	June 1-Aug. 31.....	23		
Marion County.....	June 1-30.....	3		
Montgomery County.....	June 1-30.....	6		
Peoria County.....	June 1-Aug. 31.....	6		
Perry County.....	June 1-30.....	1		
Pulaski County.....	June 1-30.....	1		
Randolph County.....	June 1-30.....	1		
Richland County.....	June 1-Aug. 31.....	9		
Rock Island County.....	June 1-Aug. 31.....	8		
St. Clair County.....	June 1-30.....	1		
Sangamon County.....	June 1-30.....	1		
Tazewell County.....	June 1-30.....	2		
Union County.....	June 1-30.....	4		
Wayne County.....	June 1-30.....	3		
Williamson County.....	June 1-30.....	2		
Total for State.....		132		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to October 7, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana:				
Allen County.....	May 1-June 30....	8		
Carroll County.....	June 1-30.....	1		
Clay County.....	June 1-30.....	2		
Clinton County.....	May 1-31.....	1		
Dekalb County.....	June 1-30.....	1		
Delaware County.....	May 1-31.....	4		
Elkhart County.....	May 1-31.....	1		
Gibson County.....	May 1-31.....	1		
Grant County.....	May 1-June 30....	13		
Greene County.....	May 1-31.....	9		
Howard County.....	May 1-June 30....	21		
Lake County.....	June 1-30.....	1		
Madison County.....	June 1-30.....	6		
Marion County.....	May 1-June 30....	6		
Marshall County.....	June 1-30.....	1		
Martin County.....	June 1-30.....	4		
Miami County.....	June 1-30.....	6		
Montgomery County.....	June 1-30.....	6		
Orange County.....	May 1-31.....	18		
Owen County.....	May 1-June 30....	23		
Putnam County.....	June 1-30.....	1		
St. Joseph County.....	May 1-June 30....	10		
Tipton County.....	May 1-31.....	1		
Vigo County.....	May 1-June 30....	28		
Warren County.....	June 1-30.....	1		
Wayne County.....	June 1-30.....	6		
Total for State.....		180		
Iowa:				
Benton County.....	June 1-July 31....	4		
Buchanan County.....	June 1-30.....	2		
Cedar County.....	July 1-31.....	1		
Clayton County.....	June 1-30.....	1		
Dallas County.....	June 1-30.....	1		
Delaware County.....	June 1-30.....	10		
Dubuque County.....	June 1-30.....	1		
Linn County.....	June 1-Aug. 31....	41		
Plymouth County.....	Aug. 1-31.....	1		
Polk County.....	June 1-July 31....	19		
Pottawattamie County.....	June 1-Aug. 31....	21		
Scott County.....	June 1-July 31....	4		
Warren County.....	Aug. 1-31.....	7		
Webster County.....	July 1-31.....	1		
Winneshiek County.....	June 1-30.....	1		
Woodbury County.....	June 1-30.....	1		
Total for State.....		116		
Kansas:				
Allen County.....	May 1-July 31....	39		
Atchison County—				
Atchison.....	Apr. 1-May 31....	7		
Barton County.....	June 1-July 31....	7		
Butler County.....	Apr. 1-June 30....	8		
Cherokee County.....	June 1-30.....	4		
Clay County.....	July 1-31.....	1		
Coffey County.....	July 1-31.....	1		
Cowley County.....	Apr. 1-July 31....	12		
Crawford County.....	June 1-30.....	4	1	
Decatur County.....	Apr. 1-July 31....	37		
Dickinson County.....	May 1-June 30....	10		
Doniphan County.....	Apr. 1-30.....	10		
Edwards County.....	Apr. 1-June 30....	4		
Elk County.....	May 1-July 31....	6		
Ellis County.....	July 1-31.....	3		
Ellsworth County.....	Apr. 1-30.....	1		
Finney County.....	Apr. 1-30.....	2		
Ford County.....	June 1-30.....	1		
Graham County.....	Apr. 1-May 31....	6		
Greenwood County.....	Apr. 1-June 30....	56		
Harper County.....	May 1-June 30....	3		
Harvey County.....	Apr. 1-June 30....	22		
Hodgeman County.....	July 1-31.....	1		
Jewell County.....	May 1-June 30....	21		
Kearny County.....	Apr. 1-May 31....	5		
Kingman County.....	Apr. 1-June 30....	4		
Labette County—				
Parsons.....	Apr. 1-July 31....	12		
Lane County.....	May 1-31.....	2		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to October 7, 1916.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Leavenworth County.....	Apr. 1–May 31.....	8		
Leavenworth.....	May 1–June 30.....	2		
Lyon County.....	June 1–30.....	11		
Marion County.....	July 1–31.....	1		
McPherson County.....	May 1–June 30.....	14		
Miami County.....	Apr. 1–May 31.....	2		
Montgomery County.....	Apr. 1–July 31.....	63	2	
Coffeyville.....	Apr. 1–June 30.....	12		
Nemaha County.....	July 1–31.....	2		
Neosho County.....	May 1–July 31.....	38		
Norton County.....	Apr. 1–June 30.....	50		
Osage County.....	Apr. 1–May 31.....	6		
Osborne County.....	Apr. 1–June 30.....	33		
Pawnee County.....	Apr. 1–30.....	3		
Phillips County.....	May 1–31.....	6		
Pratt County.....	June 1–July 31.....	2		
Rawlins County.....	June 1–30.....	1		
Reno County.....	Apr. 1–June 30.....	23	3	
Riley County.....	Apr. 1–May 31.....	5		
Rush County.....	Apr. 1–30.....	3		
Saline County.....	Apr. 1–June 30.....	21		
Scott County.....	Apr. 1–May 31.....	5		
Sedgwick County.....	Apr. 1–May 31.....	7		
Wichita.....	Apr. 1–July 31.....	52		
Seward County.....	May 1–31.....	2		
Shawnee County.....	June 1–30.....	1		
Topeka.....	July 1–31.....	7		
Sheridan County.....	Apr. 1–30.....	1		
Sherman County.....	May 1–31.....	1		
Stafford County.....	June 1–July 31.....	4		
Sumner County.....	May 1–31.....	4		
Thomas County.....	Apr. 1–May 31.....	2	1	
Trego County.....	June 1–30.....	1		
Wallace County.....	June 1–30.....	1		
Wyandotte County.....	Apr. 1–30.....	4		
Kansas City.....	Apr. 1–June 30.....	57		
Total for State.....		744	7	
Kentucky:				
Covington.....	June 26–July 2.....	1		
Total for State.....		1		
Louisiana:				
Avozelles Parish.....	June 1–30.....	12		
Calcasieu Parish.....	June 1–30.....	2		
Iberia Parish.....	June 1–30.....	19		
Orleans Parish.....	June 1–30.....			
New Orleans.....	June 12–Sept. 24.....	93		
St. John Parish.....	June 1–30.....	10		
St. Tammany Parish.....	June 1–30.....	2		
Tangipahoa Parish.....	June 1–30.....	25		
Vermilion Parish.....	June 1–30.....	30		
Total for State.....		193		
Maine:				
Biddeford.....	May 1–31.....	1		
Total for State.....		1		
Maryland:				
Allegany County—				
Cumberland.....	May 1–July 31.....	2		
Total for State.....		2		
Massachusetts:				
Middlesex County.....	July 1–31.....	1		
Suffolk County.....	June 1–July 31.....	8		
Total for State.....		9		
Michigan:				
Alcona County.....	June 1–30.....	1		
Arenac County.....	June 1–30.....	2		
Baraga County.....	Aug. 1–31.....	5		
Bay County.....	June 1–Aug. 31.....	9	2	

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to October 7, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Berrien County.....	July 1-Aug. 31.....	2	.....
Cheboygan County.....	June 1-Aug. 31.....	33	.....
Clare County.....	June 1-July 31.....	12	.....
Emmet County.....	Aug. 1-31.....	2	.....
Eaton County.....	June 1-30.....	7	.....
Genesee County.....	June 1-Aug. 31.....	44	.....
Grand Traverse County.....	July 1-Aug. 31.....	6	.....
Gratiot County.....	June 1-Aug. 31.....	10	.....
Houghton County.....	June 1-30.....	3	.....
Huron County.....	June 1-July 31.....	12	.....
Ingham County.....	June 1-Aug. 31.....	10	.....
Ionia County.....	June 1-Aug. 31.....	7	.....
Isabella County.....	June 1-July 31.....	4	.....
Kalamazoo County.....	June 1-July 31.....	8	.....
Kent County.....	June 1-30.....	17	.....
Keweenaw County.....	July 1-31.....	1	.....
Lapeer County.....	June 1-July 31.....	16	.....
Livingston County.....	June 1-30.....	17	.....
Manistee County.....	June 1-30.....	9	1	
Marquette County.....	June 1-30.....	1	.....
Mason County.....	June 1-Aug. 31.....	11	.....
Mecosta County.....	June 1-Aug. 31.....	7	.....
Midland County.....	June 1-July 31.....	11	.....
Missaukee County.....	June 1-July 31.....	12	.....
Monroe County.....	June 1-30.....	2	.....
Montcalm County.....	July 1-31.....	1	.....
Muskegon County.....	June 1-30.....	2	.....
Newaygo County.....	June 1-30.....	2	.....
Osceola County.....	June 1-Aug. 31.....	5	.....
Ottawa County.....	June 1-30.....	1	.....
Roscommon County.....	June 1-30.....	4	.....
Saginaw County.....	June 1-Aug. 31.....	35	.....
St. Clair County.....	June 1-Aug. 31.....	51	.....
Sanilac County.....	June 1-July 31.....	3	.....
Shiawassee County.....	June 1-Aug. 31.....	54	.....
Tuscola County.....	June 1-Aug. 31.....	18	.....
Wayne County.....	June 1-Aug. 31.....	19	.....
Total for State.....		476	3	
Minnesota:				
Pope County.....	Apr. 1-30.....	.....	1	
St. Louis County.....	June 1-30.....	.....	1	
Rice County.....	Mar. 1-31.....	.....	1	
Beltrami County.....	May 26-June 5.....	4	.....
Blue County.....	June 6-12.....	1	.....
Carver County.....	June 13-July 10.....	2	.....
Faribault County.....	May 26-July 31.....	2	.....
Hennepin County.....	May 26-July 31.....	53	.....
Kittson County.....	June 6-19.....	2	.....
Koochiking County.....	May 26-June 5.....	6	.....
Lesueur County.....	June 13-19.....	32	.....
Meeker County.....	June 6-12.....	1	.....
Mower County.....	July 11-17.....	4	.....
Ramsey County.....	June 13-July 31.....	22	.....
Renville County.....	June 6-12.....	1	.....
Rice County.....	May 26-July 10.....	2	.....
St. Louis County.....	May 26-June 5.....	10	.....
Stearns County.....	June 20-26.....	1	.....
Steele County.....	June 6-19.....	2	.....
Wabasha County.....	June 13-26.....	2	.....
Wright County.....	July 4-31.....	2	.....
Total for State.....		149	3	
Mississippi:				
Natchez.....	July 24-30.....	5	.....
Total for State.....		5	.....
Missouri:				
Kansas City.....	May 15-Aug. 20....	36	.....
St. Louis.....	June 12-July 16....	9	.....
Savannah.....	June 26-July 2....	5	.....
Total for State.....		50	.....

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to October 7, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Montana:				
Beaverhead County.....	June 1-30.....	1		
Cascade County.....	June 1-30.....	1		
Custer County.....	Apr. 1-30.....		1	
Dawson County.....	June 1-Aug. 31.....	14		
Fergus County.....	June 1-July 31.....	8		
Flathead County.....	June 1-30.....	1		
Meagher County.....	June 1-30.....	1		
Park County.....	June 1-Aug. 31.....	2		
Rosebud County.....	June 1-Aug. 31.....	4		
Silver Bow County.....	June 1-Aug. 31.....	12		
Butte.....	June 1-Aug. 31.....	43		
Teton County.....	July 1-31.....	2		
Yellowstone County.....	June 1-30.....	2		
Total for State.....		91	1	
Nebraska:				
Lincoln.....	Apr. 1-June 30.....	30		
South Omaha.....	June 1-30.....	3		
Total for State.....		33		
New Jersey:				
Cumberland County.....	June 1-Aug. 31.....	7		
Total for State.....		7		
New York, general				
June 1-July 31.....		53	3	
Erle County—				
Buffalo.....	May 1-31.....	1		
Tonawanda Township.....	May 1-31.....	2		
Niagara County—				
Niagara Falls.....	May 1-31.....	1		
North Tonawanda.....	May 1-31.....	1		
St. Lawrence County.....	May 1-31.....	13		
Schenectady County.....	May 1-31.....	2		
Total for State.....		79	3	
North Carolina:				
Forsyth County.....	Feb. 1-28.....		1	
Rowan County.....	Feb. 1-28.....		1	
Alamance County.....	Mar. 1-June 30.....	41		
Alexander County.....	Mar. 1-June 30.....	75		
Anson County.....	Apr. 1-June 30.....	9		
Ashe County.....	Mar. 1-31.....	12		
Beaufort County.....	Mar. 1-June 30.....	5		
Bladen County.....	Apr. 1-June 30.....	19		
Buncombe County.....	June 1-30.....	1		
Cabarrus County.....	Mar. 1-June 30.....	15		
Caldwell County.....	Mar. 1-Aug. 31.....	13	1	
Catawba County.....	Mar. 1-June 30.....	42		
Chatham County.....	Mar. 1-June 30.....	18		
Chowan County.....	Mar. 1-31.....	3		
Cleveland County.....	June 1-30.....			Few cases
Columbus County.....	Apr. 1-Aug. 31.....	25		
Craven County.....	Mar. 1-31.....	1		
Currituck County.....	Mar. 1-June 30.....	23		
Davidson County.....	Mar. 1-June 30.....	5		
Davie County.....	Mar. 1-31.....	8		
Durham County.....	Mar. 1-Aug. 31.....	32		
Edgecombe County.....	June 1-30.....	1		
Forsyth County.....	Mar. 1-Aug. 31.....	28		
Franklin County.....	Mar. 1-31.....	5		
Gaston County.....	Mar. 1-June 30.....	13	2	
Graham County.....	Mar. 1-Apr. 30.....	8		
Greene County.....	Mar. 1-June 30.....	20		
Guilford County.....	Mar. 1-Aug. 31.....	58		
Hallfax County.....	Mar. 1-31.....	40		
Haywood County.....	Aug. 1-31.....	6		
Henderson County.....	May 1-June 30.....	6		
Hertford County.....	Mar. 1-31.....	1		
Iredell County.....	June 1-30.....	20		Several cases in May.
Johnson County.....	Apr. 1-May 31.....	4		Several cases in March.
Jones County.....	Mar. 1-31.....	1		
Lee County.....	Mar. 1-June 30.....	6		
Lenoir County.....	Mar. 1-June 30.....	19		
Lincoln County.....	Mar. 1-June 30.....	3		
Madison County.....	Apr. 1-30.....	5		
Martin County.....	Apr. 1-May 31.....	4		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to October 7, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Mecklenburg County.....	Mar. 1-Aug. 31....	26	.....	Few.
Mitchell County.....	Aug. 1-31.....	.....	.....
Montgomery County.....	Mar. 1-Aug. 31....	54	.....
Nash County.....	Mar. 1-Aug. 31....	55	.....
New Hanover County.....	Mar. 1-Aug. 31....	35	.....
Onslow County.....	Mar. 1-May 31....	5	.....
Orange County.....	Mar. 1-June 30....	45	.....
Pamlico County.....	Mar. 1-Aug. 31....	6	.....
Pender County.....	Aug. 1-31.....	7	.....
Perquimans County.....	May 1-31.....	1	.....
Person County.....	May 1-June 30....	4	.....
Pitt County.....	Mar. 1-Aug. 31....	28	.....
Polk County.....	Mar. 1-31.....	7	.....
Richmond County.....	Apr. 1-30.....	2	.....
Robeson County.....	Apr. 1-Aug. 31....	29	.....
Rockingham County.....	Mar. 1-31.....	48	.....
Rowan County.....	Mar. 1-June 30....	43	1	
Sampson County.....	May 1-Aug. 31....	3	.....
Scotland County.....	May 1-31.....	5	.....
Stanly County.....	Apr. 1-June 30....	26	.....
Stokes County.....	Mar. 1-31.....	64	.....
Surry County.....	Mar. 1-31.....	4	.....
Union County.....	Mar. 1-Aug. 31....	34	.....
Vance County.....	Apr. 1-30.....	4	.....
Wake County.....	Apr. 1-May 31....	22	.....
Warren County.....	Apr. 1-Aug. 31....	27	.....
Washington County.....	Mar. 1-Apr. 30....	4	.....
Watauga County.....	Apr. 1-Aug. 31....	35	.....
Wayne County.....	Apr. 1-May 31....	6	.....	Few cases in June.
Wilkes County.....	Mar. 1-June 30....	37	.....
Wilson County.....	Mar. 1-June 30....	25	1	
Yancey County.....	Mar. 1-31.....	26	.....
Total for State.....		1,305	7	
North Dakota:				
Bowman County.....	Aug. 1-31.....	37	.....
Cass County.....	June 1-July 31....	3	.....
Cavalier County.....	June 1-30.....	1	.....
Grand Forks County.....	June 1-10.....	4	.....
Logan County.....	June 1-30.....	1	.....
McKenzie County.....	June 1-30.....	1	.....
Morton County.....	July 1-31.....	4	.....
Pierce County.....	June 1-30.....	1	.....
Stark County.....	July 1-31.....	1	.....
Stutsman County.....	Aug. 1-31.....	1	.....
Traill County.....	June 1-30.....	6	.....
Ward County.....	June 1-30.....	4	.....
Total for State.....		64	.....
Oklahoma, general.				
Canadian County.....	Jan. 1-31.....	.....	1	Reported out of date
Comanche County.....	Apr. 1-30.....	.....	1	
Comanche County.....	Apr. 1-30.....	.....	3	
Oklahoma County.....	Apr. 1-30.....	.....	4	
Pottawatomie County.....	Apr. 1-30.....	.....	2	
Atoka County.....	May 1-31.....	20	.....
Beckham County.....	May 1-31.....	2	.....
Blaine County.....	May 1-31.....	8	.....
Caddo County.....	May 1-31.....	1	.....
Canadian County.....	May 1-31.....	17	.....
Choctaw County.....	May 1-31.....	1	.....
Coal County.....	May 1-31.....	5	.....
Comanche County.....	May 1-31.....	4	1	
Custer County.....	May 1-31.....	9	.....
Garvin County.....	May 1-31.....	1	.....
Grady County.....	Apr. 1-30.....	.....	1	
Grady County.....	May 1-31.....	6	6	
Haskell County.....	May 1-31.....	7	.....
Hughes County.....	May 1-31.....	42	.....
Jefferson County.....	May 1-31.....	3	.....
Kiowa County.....	May 1-31.....	1	.....
Lincoln County.....	May 1-31.....	4	.....
McLain County.....	May 1-31.....	9	.....
McIntosh County.....	May 1-31.....	11	.....
Murray County.....	May 1-31.....	1	.....
Muskogee County.....	May 1-31.....	5	.....
Noble County.....	May 1-31.....	8	.....
Nowata County.....	May 1-31.....	3	.....
Okfuskee County.....	May 1-31.....	1	.....

SMALLPOX IN THE UNITED STATES—Continued.
Reports Received from June 25 to October 7, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Oklahoma, general—Continued.				
Oklahoma County.....	May 1-31.....	1	1	
Oklmulgee County.....	May 1-31.....	2		
Pawnee County.....	May 1-31.....	4		
Payne County.....	May 1-31.....	10		
Pittsburg County.....	May 1-31.....	6	1	
Pontotoc County.....	May 1-31.....	12		
Seminole County.....	May 1-31.....	2		
Texas County.....	May 1-31.....	4		
Tillman County.....	May 1-31.....	2		
Tulsa County.....	May 1-31.....	1	1	
Washita County.....	May 1-31.....	1		
Total for State.....		214	22	
Ohio:				
Allen County.....	June 1-30.....	3		
Athens County.....	July 1-31.....	1		
Butler County.....	June 1-July 31.....	4		
Clarke County.....	July 1-31.....	3		
Clinton County.....	June 1-30.....	10		
Columbiana County.....	June 1-July 31.....	6		
Cuyahoga County.....	June 1-July 31.....	16	1	
Fairfield County.....	June 1-30.....	1		
Franklin County.....	June 1-Aug. 31.....	10		
Hamilton County.....	June 1-30.....	1		
Hancock County.....	July 1-31.....	4		
Hocking County.....	June 1-July 31.....	26		
Jefferson County.....	July 1-31.....	1		
Lucas County.....	June 1-Aug. 31.....	7		
Mahoning County.....	July 1-31.....	1		
Marion County.....	July 1-31.....	1		
Perry County.....	June 1-30.....	1		
Pickaway County.....	June 1-30.....	1		
Portage County.....	June 1-30.....	7		
Ross County.....	June 1-Aug. 31.....	73		
Seneca County.....	July 1-31.....	1		
Scioto County.....	June 1-30.....	2		
Stark County.....	June 1-July 31.....	29		
Summit County.....	July 1-31.....	5		
Wayne County.....	June 1-30.....	2		
Wood County.....	June 1-30.....	2		
Total for State.....		218	1	
Oregon:				
Baker County.....	May 1-31.....	1		
Benton County.....	May 1-31.....	2		
Linn County.....	June 1-30.....	2		
Multnomah County.....	Apr. 1-May 31.....	10		
Umatilla County.....	May 1-31.....	1		
Union County.....	May 1-31.....	2		
Wasco County.....	Apr. 1-30.....	2		
Washington County.....	Apr. 1-June 30.....	3		
Yamhill County.....	Apr. 1-June 30.....	15		
Total for State.....		38		
Pennsylvania, general.				
	Apr. 1-30.....		2	
	May 1-June 30.....	29	3	
Total for State.....		29	5	
South Carolina:				
Charleston.....	June 1-July 31.....	28		
Total for State.....		28		
Tennessee:				
Benton County—				
Camden.....	July 1-7.....	2		
Davidson County—				
Nashville.....	June 12-July 9.....	2		
Hamilton County—				
Chattanooga.....	June 12-July 16.....	4		
Knox County—				
Knoxville.....	June 12-July 16.....	8		
Shelby County.....	May 1-June 30.....	39		
Memphis.....	June 12-July 19.....	8		
Total for State.....		63		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to October 7, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Texas, general.....	Apr. 1-July 31....	881	27	
Total for State.....		881	27	
Utah, general.....	Mar. 1-31.....	112		Report received out of date.
Boxelder County.....	May 1-31.....	1		
Cache County.....	May 1-31.....	6		
Davis County.....	May 1-July 31....	43		
Juab County.....	June 1-July 31....	3		
Salt Lake County.....	May 1-Aug. 31....	34	1	
Utah County.....	May 1-Aug. 31....	10		
Wasatch County.....	Aug. 1-31.....	1		
Weber County.....	May 1-July 31....	25		
Total for State.....		235	1	
Virginia:				
Alexandria.....	Aug. 25.....			One case from the schooner Persis A. Colwell from Gaspe, Quebec.
Lynchburg.....	June 12-18.....	1		
Total for State.....		1		
Washington, general.....	Feb. 1-Mar. 31....		4	
Wisconsin:				
Ashland County.....	June 1-Aug. 31....	17		
Barron County.....	June 1-30.....	1		
Brown County.....	July 1-31.....	5		
Douglas County.....	June 1-July 31....	3		
Dunn County.....	July 1-31.....	1		
Eau Claire County.....	June 1-July 31....	4		
Florence County.....	June 1-30.....	4		
Fond du Lac County.....	July 1-31.....	1		
Kenosha County.....	July 1-31.....	1		
Lafayette County.....	June 1-30.....	1		
La Crosse County.....	June 1-30.....	2		
Milwaukee County.....	July 1-Aug. 31....	13		
Pierce County.....	July 1-31.....	1		
Polk County.....	July 1-Aug. 31....	6		
Rusk County.....	June 1-30.....	1		
St. Croix County.....	July 1-31.....	5		
Sawyer County.....	June 1-30.....	8		
Waupaca County.....	June 1-Aug. 31....	4		
Winnebago County.....	July 1-31.....	1		
Total for State.....		79		
Grand total for the United States.....		5,710	91	

PLAGUE IN THE UNITED STATES.

Reports Received from June 25 to October 7, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
San Benito County—				
Hollister.....	June 5-11.....	1	1	
Santa Clara County—				
San Jose.....	Sept. 5.....	1		

MORBIDITY AND MORTALITY.

WEEKLY MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES.

[For smallpox and plague see special tables.]

Cities.	Week ended—	Total deaths from all causes.	Tuber- culosis.		Typhus fever.		Ty- phoid fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Auburn, N. Y.	Sept. 17	6	.....	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....
Aurora, Ill.	do	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bedford, Ind.	do	0	.....	.....	.....	.....	3	.....	1	.....	.....	.....	.....	.....	.....	.....
Berkeley, Cal.	Sept. 10	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Binghamton, N. Y. .	Sept. 17	18	3	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boston, Mass.	do	219	50	26	.....	.....	18	4	10	.....	24	3	3	.....	13	2
Brocton, Mass.	do	9	8	1	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Buffalo, N. Y.	do	162	20	10	.....	.....	13	1	21	3	14	5	3	.....	69	2
Cambridge, Mass.	do	26	2	4	.....	.....	5	.....	2	.....	3	.....	1	.....	.....	.....
Camden, S. C.	do	0	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Canton, Ohio.	do	13	.....	2	.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....
Carbondale, Pa.	do	7	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Charlotte, N. C.	do	6	.....	.....	.....	.....	7	.....	1	.....	.....	.....	.....	.....	.....	.....
Chelsea, Mass.	do	15	3	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
Cincinnati, Ohio.	do	104	34	15	.....	.....	7	.....	9	1	9	.....	.....	1	1	.....
Cleveland, Ohio.	do	149	24	13	.....	.....	.....	.....	17	2	20	2	.....	1	.....	1
Columbus, Ga.	do	8	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	15	1
Columbus, Ohio.	do	53	3	7	.....	.....	14	2	1	.....	.....	.....	.....	.....	.....	.....
Council Bluffs, Iowa.	Sept. 10	8	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do	Sept. 17	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cumberland, Md.	do	7	.....	1	.....	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....
Danville, Ill.	do	10	2	1	.....	.....	4	1	1	.....	.....	.....	.....	.....	.....	.....
Dayton, Ohio.	do	28	.....	2	.....	.....	10	1	1	.....	3	.....	.....	.....	7	.....
Dunkirk, N. Y.	Sept. 17	5	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Elizabeth, N. J.	Sept. 10	20	.....	2	.....	.....	.....	.....	3	.....	3	.....	.....	.....	.....	.....
Do	Sept. 17	17	.....	2	.....	.....	.....	.....	1	.....	3	.....	.....	.....	.....	.....
El Paso, Tex.	Sept. 10	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do	Sept. 17	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Evansville, Ind.	do	17	1	3	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	17	.....
Everett, Mass.	do	6	.....	.....	.....	.....	3	.....	.....	.....	1	.....	.....	.....	.....	.....
Galesburg, Ill.	do	7	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	1	.....
Grand Rapids, Mich.	Sept. 10	40	2	3	.....	.....	2	1	3	1	3	.....	.....	.....	5	.....
Do	Sept. 17	31	.....	1	.....	.....	4	1	1	.....	.....	.....	.....	.....	5	.....
Greensboro, N. C.	do	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Harrison, N. J.	do	2	.....	.....	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....
Homestead, Pa.	do	8	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
Jacksonville, Fla.	do	19	.....	.....	.....	.....	4	1	1	.....	1	.....	.....	.....	.....	.....
Kalamazoo, Mich.	do	17	1	1	.....	.....	8	1	1	1	.....	.....	2	.....	1	.....
Kansas City, Kans.	do	25	13	1	.....	.....	12	1	1	.....	2	.....	.....	.....	1	.....
Kearny, N. J.	do	3	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....
La Fayette, Ind.	do	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lancaster, Pa.	do	10	.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	10	.....
Lawrence, Mass.	do	27	3	2	.....	.....	2	.....	5	.....	4	.....	.....	.....	.....	.....
Lexington, Ky.	do	21	.....	1	.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....
Los Angeles, Cal.	Aug. 20	70	18	5	.....	.....	7	.....	4	.....	2	.....	.....	.....	.....	.....
Do	Aug. 27	67	14	19	.....	.....	3	1	4	.....	.....	.....	.....	.....	.....	.....
Do	Sept. 3	67	5	9	.....	.....	12	.....	5	.....	.....	.....	.....	.....	.....	.....
Do	Sept. 10	70	12	12	.....	.....	4	.....	5	.....	7	.....	.....	.....	.....	.....
McKeesport, Pa.	Aug. 6	16	.....	.....	.....	.....	3	.....	4	2	.....	.....	1	.....	2	.....
Do	Aug. 13	18	.....	.....	.....	.....	1	.....	4	.....	.....	.....	.....	.....	.....	.....
Do	Aug. 20	24	.....	.....	.....	.....	2	1	11	1	2	1	.....	1	4	.....
Do	Aug. 27	16	.....	1	.....	.....	1	.....	5	.....	.....	.....	1	.....	1	.....
Do	Sept. 3	18	.....	1	.....	.....	.....	.....	8	3	.....	.....	.....	.....	.....	.....
Madison, Ind.	Sept. 17	2	1	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
Manchester, N. H.	do	22	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Mansfield, Ohio.	do	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marinette, Wis.	do	3	.....	.....	.....	.....	8	1	.....	.....	.....	.....	.....	.....	.....	.....
Massillon, Ohio.	do	3	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Melrose, Mass.	do	3	1	.....	.....	.....	2	.....	.....	.....	1	.....	.....	.....	.....	.....
Milwaukee, Wis.	do	74	17	8	.....	.....	15	1	13	1	26	.....	2	.....	11	1
Mobile, Ala.	do	24	.....	5	.....	.....	1	1	4	.....	1	.....	.....	.....	.....	.....
Moline, Ill.	do	8	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
Montclair, N. J.	Sept. 3	7	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....
Do	Sept. 10	7	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....
Do	Sept. 17	5	1	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....
Montgomery, Ala.	Sept. 10	17	3	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Do	Sept. 17	21	2	3	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Morristown, N. J.	do	2	.....	.....	.....	.....	1	.....	2	.....	2	.....	.....	.....	.....	.....
Mount Vernon, N. Y.	do	9	1	1	.....	.....	1	.....	1	.....	2	2	.....	.....	.....	.....
Muskegon, Mich.	Sept. 10	.....	1	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....
Do	Sept. 17	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Total deaths from all causes.	Cases and deaths.													
			Tuber- culosis.		Typhus fever.		Ty- phoid fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Nanticoke, Pa.	Sept. 17	2					1				2					
Newark, N. J.	do	113	18	16			5			7		23	2	1		2
Newport, Ky.	Sept. 10	9		2					1		1					
Newport, Ky.	Sept. 17	11		1							1					
Newton, Mass.	do	8	2				1	1								
Niagara Falls, N. Y.	do	6			2	2			3		1					
Norristown, Pa.	do	12		1			3									
North Adams, Mass.	do	7		1	1											
Northampton, Mass.	do	9		1	5											
Orange, N. J.	do	13	1	1			3		1		2					
Ottumwa, Iowa	Sept. 10	11														
Do	Sept. 17	16														
Paducah, Ky.	do	6														
Palmer, Mass.	do	4									1					
Peekskill, N. Y.	do	1		1												
Plainfield, N. J.	do	7		1			2	1	1							
Portland, Me.	Aug. 13	31		1			12		1		3					
Do	Aug. 20	30		1			12	1	2		1	1	2			
Do	Aug. 27	25					20	2	1		3					
Do	Sept. 3	24		1			11	3			1	1				
Do	Sept. 10	20					13	1	1		1					
Do	Sept. 17	21					11	1	2							
Portsmouth, N. H.	do								1		1					
Portsmouth, Va.	do	7											2			
Pottstown, Pa.	Sept. 10	8		1			3				1					
Do	Sept. 17	3					4									
Providence, R. I.	do	49	2	5			5	2	2		5		3		3	
Racine, Wis.	do	18														
Reading, Pa.	do	34	3	2			2	1	1		8		4		2	
Rock Island, Ill.	do	5	1				2		1		1					
Rutland, Vt.	Aug. 6	3					1									
Do	Aug. 13	4					1		1		1				1	
Do	Aug. 20	7					29	1			1					
Do	Aug. 27	3					3				1	1			1	
Do	Sept. 3	11					17				1				1	
Do	Sept. 10	8					18								1	
Do	Sept. 17	1					3		1						2	
Sacramento, Cal.	Sept. 3	12	1	2												
Do	Sept. 10	12		1			1	1								
St. Louis, Mo.	Sept. 17	227	35	20			31	6	10	1	20	3	10	1	16	
San Antonio, Tex.	do	7		6			4	1								
Saratoga Springs, N. Y.	do	5	1						1		2	1				
Schenectady, N. Y.	do	27	6	3			9		1		2				7	1
South Bend, Ind.	do	20					1		2		2					
South Bethlehem, Pa.	do	8						3								
Spokane, Wash.	Sept. 10	26	1	3			10		4		2		1			
Tacoma, Wash.	do	24					2		2		3					
Do	Sept. 17	17									1					
Taunton, Mass.	do	25		1			3									
Terre Haute, Ind.	do	27		4			3	2	3		4	1				
Wichita, Kans.	do	13		1							3	1				
Wilkes-Barre, Pa.	do	18	3				10	1	1		4	1	2		2	
Williamsport, Pa.	do	7	5				1									
Woburn, Mass.	Sept. 10	6									1				1	
Worcester, Mass.	Sept. 17	49	5				15	3			6	3			2	2
York, Pa.	Sept. 10						2	1			20	2			5	
Zanesville, Ohio.	Sept. 17	5					1				1					

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES (untabulated).

CONNECTICUT—*Stamford*.—Month of September, 1910. Population, 23,000. Total number of deaths from all causes not reported. No deaths from contagious diseases reported. Cases reported: Typhoid fever 1, measles 2, diphtheria 3, tuberculosis 3.

FLORIDA.—Week ended October 1, 1910. Reports from the state board of health show typhoid fever present in 2 localities with 4 cases, diphtheria in 1 locality with 1 case, malaria in 9 localities with 24 cases, tuberculosis in 8 localities with 12 cases.

ILLINOIS—*Alton*.—Month of September, 1910. Population, 17,528. Total number of deaths from all causes 34, including typhoid fever 1, diphtheria 1, tuberculosis 4. Cases reported: Diphtheria 4, scarlet fever 2.

NEBRASKA—*Lincoln*.—Month of July, 1910. Population, 65,000. Total number of deaths from all causes 30, including tuberculosis 2. Cases reported: Smallpox 1, measles 4, scarlet fever 8.

Month of August, 1910. Total number of deaths 49, including typhoid fever 2, poliomyelitis 1, tuberculosis 1. Cases reported: Diphtheria 1, scarlet fever 4.

NEW JERSEY.—Month of September, 1910. Population, 1,183,669. Total number of deaths from all causes 3,462, including typhoid fever 50, measles 8, scarlet fever 15, diphtheria 30, tuberculosis 359.

NORTH CAROLINA.—Month of July, 1910. Reports from the state board of health show smallpox present in 29 counties, typhoid fever in 77 counties, measles in 12 counties, scarlet fever in 17 counties, diphtheria in 31 counties, malarial fever in 14 counties, pernicious malarial fever in 8 counties, hemorrhagic malarial fever in 4 counties, pellagra in 5 counties.

PENNSYLVANIA.—Reports from the state department of health show as follows:

Mortality.—Month of July, 1910. Total number of deaths 10,858, including typhoid fever 80, scarlet fever 65, diphtheria 108, measles 96, whooping cough 156, smallpox 1, influenza 13, malarial fever 4, tuberculosis of the lungs 685 (other organs 135), cancer 416, diabetes 47, meningitis 85, pneumonia 435, diarrhea and enteritis under 2 years 2,719 (over 2 years 227), Bright's disease 411, early infancy 776, suicide 72, accidents in mines and quarries 93, railway injuries 129, other forms of violence 652, all other diseases 3,453.

Morbidity.—Month of August, 1910. Total cases of communicable disease reported 6,958, including anterior poliomyelitis 275, anthrax 2, cerebrospinal meningitis 13, chickenpox 67, diphtheria 834, epidemic dysentery 6, erysipelas 45, German measles 17, hydrophobia 2, malarial fever 13, measles 619, mumps 66, pneumonia 162, puerperal fever 7, scarlet fever 516, smallpox 4, tetanus 19, trachoma 7, tuberculosis 1,274, typhoid fever 1,886, whooping cough 1,124.

VIRGINIA.—*Petersburg*.—Month of September, 1910. Population 30,000. Total number of deaths from all cases 50, including diphtheria 5, tuberculosis 8. Cases reported: Typhoid fever 18, diphtheria 32, tuberculosis 7.

FOREIGN AND INSULAR.

EMIGRANT INSPECTION AT EUROPEAN PORTS.

Inspection at Glasgow and Southampton.

Assistant Surgeon-General Pettus reports, September 18 and 21:

The United States quarantine laws relative to cholera are enforced at Glasgow. The few Russian emigrants who arrive at that port have been previously detained five days at Antwerp or Rotterdam and their effects have been disinfected. No emigrants from Austria-Hungary or Italy are being carried from Glasgow. Emigrants held in detention for the sailing of the vessel are under medical observation and their effects are again disinfected before embarkation. The detention barracks are ample for the accommodation of the emigrants. The appearance of any suspicious disease among emigrants is required to be promptly reported to the city health authorities.

Russian emigrants to the United States via Southampton arrive from Hamburg. They are required to bring a certificate from the medical officer at the control station on the German-Russian frontier that they harbor no cholera infection and that their effects have been disinfected. Those who do not present this certificate are held five days and their effects are disinfected. The time from the control station to Hamburg is three days, and from Hamburg to Southampton two days. Emigrants held for sailing of vessel are under medical observation.

Inspection at Marseille and Genoa.

Passed Assistant-Surgeon King reports, September 17:

The consul-general at Marseille has been instructed by the Department of State to disinfect baggage from Russia and to detain all emigrants from Russia in observation for five days before embarkation for the United States. There is only an occasional group of such emigrants, and there is no emigration from Italy via Marseille. Not more than 50 steerage passengers leave Marseille on any one vessel, and these are reinspected at Naples, where the vessels touch thirty-six hours after leaving Marseille. They remain in Naples about two days and are inspected before departure.

There is no emigration from Russia or southern Italy via Genoa to the United States. The emigration by way of Genoa seldom amounts to more than 100 on a vessel, and the emigrants are inspected at Naples. There have been no suspicious cases of disease at Genoa or in the vicinity.

AUSTRIA-HUNGARY.

VIENNA—Cholera.

The American ambassador reported October 6 to the Department of State:

Official notices dated September 19 and 20 show 16 additional cases of cholera in Hungary. Two new cases are reported in Vienna.

CUBA.**Transmissible diseases in the Republic.**

Passed Assistant Surgeon de Valin, at Habana, reports, September 28:

The national sanitary department gives the following statement of transmissible diseases in the Republic:

	August 10 to 20, 1910.			August 20 to 30, 1910.		
	Cases.	Deaths.	Under treatment.	Cases.	Deaths.	Under treatment.
Tuberculosis.....	57	60	2,977	49	88	2,935
Leprosy.....	3	.....	345	3	.....	348
Malaria.....	41	10	135	86	9	168
Typhoid fever.....	26	11	108	27	8	108
Diphtheria.....	20	3	17	30	6	16
Scarlet fever.....	2	.....	5	4	.....	5
Measles.....	55	.....	75	35	3	60
Varicella.....	4	.....	6	3	.....	7
Tetanus in the new born.....	7	7	.....	8	8	.....
Filariasis.....	.....	.....	1	.....	.....	1
Dengue.....	.....	.....	2	.....	.....	2

No quarantinable diseases were reported in the island during the week.

ECUADOR.**Yellow Fever—Increase in Plague.**

Passed Assistant Surgeon Parker at Guayaquil reports, September 19:

From September 1 to 15, 1 case of yellow fever was reported in Guayaquil and 1 in Babahoyo. In Duran and Milagro yellow fever is still present.

During the first fifteen days of the month of September there was a marked increase in the number of plague cases throughout the republic. In the city of Guayaquil there were 26 cases with 14 deaths, on the plantation Matilde there was 1 case, and in Babahoyo 1 case, with 1 case remaining in the plantation Rocafuerte.

Marked rat mortality is observed in Guayaquil.

HAWAII.

Last case of human plague at Honolulu occurred July 12, 1910.

The last plague-infected rat was found at Aiea, 9 miles from Honolulu, April 12, 1910.

At Hilo the last case of human plague occurred March 23, 1910.

The last plague-infected rat was found at Piihuona, 4 miles from Hilo, April 9, 1910.

Passed Assistant Surgeon Ramus reports, September 19:

HONOLULU.

Week ended September 17, 1910.

Total rats and mongoose taken	551
Rats trapped.....	504
Mongoose trapped.....	10
Rats found dead.....	0
Rats shot from trees.....	37
Examined bacteriologically.....	472
Plague rats.....	0

Classification of rats trapped:

<i>Mus alexandrinus</i>	56
<i>Mus musculus</i>	174
<i>Mus norvegicus</i>	76
<i>Mus rattus</i>	198

Classification of rats shot from trees:

<i>Mus alexandrinus</i>	15
<i>Mus rattus</i>	17

Average number of traps set daily 1,738

INDIA.

BOMBAY—Health Conditions.

Consul Dennison reports, September 8:

There were 2 fatal cases of cholera and 1 of smallpox during the week ended September 6. Plague deaths fell to 17, as against 25 in the previous week and a five-yearly average of 29. The corrected death rate of the population was nominally 30.09, but actually probably much less.

CALCUTTA—Cholera, Plague, and Smallpox.

Acting Assistant Surgeon Allan reports, September 8:

During the week ended August 20 there were 12 deaths from cholera, 12 from plague, and 1 from smallpox in Calcutta; in all Bengal, 69 cases of plague, with 56 deaths; in all India, 1,543 cases of plague, with 1,046 deaths.

ITALY.

Status of Cholera.

Surgeon Geddings, at Naples, reports: Naples, October 2-4, 34 cases cholera, 11 deaths; other parts of Italy, 29 cases, 5 deaths. Naples, October 5-6, 13 cases; other parts of Italy, 18 cases, 5 deaths. Naples, October 7 and 8, 17 cases, 4 deaths; other parts of Italy, 15 cases, 5 deaths. Naples, October 9 and 10, 16 cases, 3 deaths; other parts of Italy, 23 cases, 13 deaths.

Doctor Geddings further reported September 26:

During the week ended September 24 cholera was reported in Italy as follows:

	Cases.	Deaths.
Province of Bari:		
Barletta	6	4
Molfetta	27	6
Triggiano	1	0
Total	34	10
Province of Foggia:		
Cerignola	13	10
Trinitapoli	8	5
Total	21	15

It will be seen that the epidemic is on the decrease and that the number of infected localities is gradually diminishing.

Conditions in Naples.

The deaths from gastro-enteritis reported to the municipality have been as follows: September 18, 11; September 19, 3; September 20, 4; September 21, 11; September 22, 44; September 23, 20; September 24, 94.

On September 25, I issued a circular to all steamship companies operating in Naples, informing them that in view of the continued unsatisfactory public health conditions in Naples, it had become necessary to impose the restrictions contemplated by paragraphs 18 to 22 of the quarantine regulations of the United States, and that said restrictions would remain in force until further notice. This circular was promptly acknowledged, and a copy is herewith inclosed for your information.

On September 25 the minister of the interior at Rome made an official declaration of the existence of one case of cholera, confirmed by bacteriological examination, stating in an interview that, while the disease which had been prevailing in Naples was not cholera, it afforded good soil for cholera. At this writing, therefore, Naples is an infected port, and will be so treated in the handling of passengers and merchandise until the wishes of the Surgeon-General in the premises are communicated to me. The measures being enforced are indicated by the circular, to which I again beg to refer. Bills of health hereafter issued will bear the declaration that cholera exists in Naples, unless developments should demand the stronger statement that the disease prevails.

At this time it may be interesting to endeavor to trace the history of this outbreak, in the light of facts as they are now known, subject, of course, to future revision. It is the opinion of many that there have been cases of cholera in the city since August 27-28, when there were 3 deaths in the persons of an old woman and two boys, the boys both dying suddenly and with very suspicious symptoms after a prolonged bath in the stagnant, sluggish water of the port (not the Bay of Naples). The cases were recorded as "gastro-enteritis," which since that time has gradually been on the increase, but the health authorities of the municipality and the kingdom have steadily declared that it was not specific in its nature, was altogether seasonal, and that the mortality from this cause and the total mortality were lower this year during the months of June, July, and August than for five years past.

I have previously alluded to the cases of August 27 and 28, one of an old woman, the other of two boys who had indulged in bathing in the waters of the port or harbor of Naples. There open directly into the harbor two large sewers. These sewers drain a new part of Naples, the Quartiere Orientale, and in this quarter are situated many small hotels and furnished chambers and lodging houses of a poorer class. These sewers may have been contaminated by refugees from Bari and Foggia, or by bacillus carriers from another district, but certain it is, that the old woman above referred to, whose occupation was that of a ragpicker, and who is now said to have picked rags and paper in the neighborhood of the mouth of this sewer, furnished the first case and the first death in Naples, which were followed on the next day by the cases of the two boys of the street-Arab class, who had bathed in the same locality. A case occurred on a ship in the same immediate locality, September 5-6, and since this time the spread

of the disease has been gradual but certain. The water of the harbor is believed to be infected. In one corner of this same harbor are beds for the propagation of mussels, a favorite article of food among the lower Neapolitan population. Closely situated to these mussel beds are places for the preservation alive of fish and oysters, where the conditions are little if any better, for they serve as the emptying place for a large sewer which passes through the naval arsenal, with its several thousand employees and workmen. Fish and oysters are very popular articles of food in Naples.

The circular issued to steamship companies was as follows:

Circular.

NAPLES, ITALY, *September 25, 1910.*

*To the representatives of the various
steamship companies in Naples.*

GENTLEMEN: The health situation in Naples having continued unsatisfactory, and the disease prevailing having assumed alarming proportions, it becomes necessary to consider the port as infected, and the following precautions as to passengers and freight from Naples to any port or place in the United States will be enforced on and after this date and until further notice:

I. All passengers of the steerage class, originating in Naples, to be considered as coming from an infected district, and to be held under observation upon the quarantine ship *Marsala*, as has been the practice with the passengers from the Provinces of Bari and Foggia.

II. All passengers of the steerage class coming from healthy districts, but embarking in Naples, to be embarked with a minimum of delay in the city, and to be conveyed from trains to inspection shed without communication or stay in the city. It is suggested that all passengers of this class be collected in one large building where they can be under easy and convenient observation.

III. The carrying of foodstuffs of any description upon the person, or in the hands or baggage of such passengers will be strictly prohibited, and all such foodstuffs found as a result of search will be absolutely confiscated.

IV. Passengers of the first and second cabin classes to be interrogated as to their whereabouts for the five days immediately preceding embarkation, and to be required to present satisfactory evidence that they have not been exposed to infection.

V. The shipment of merchandise as enumerated in paragraphs 18 to 22, inclusive, of the quarantine regulations of the United States to be forbidden if originating in Naples or in any infected district or if stored in Naples prior to shipment. The classes of merchandise are as follows:

Household goods and personal effects, bedding, second-hand articles in general, unsalted meats, sausages, butter, cheese, fresh and dried fruits, vegetables, rags and textile fabrics used in the manufacture of paper, new feathers for bedding, human hair (unmanufactured), bristles, wool, hides, unless chemically cured; hides, green or unsalted, and any or all articles which the medical officer may consider infected, or as to the origin of which no satisfactory evidence can be produced.

You are requested to acknowledge receipt of the information herein contained.

Respectfully,

H. D. GEDDINGS, *Surgeon.*

NAPLES—Examination of Emigrants.

Doctor Geddings reported September 19:

Vessels inspected at Naples and Palermo week ended September 17.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Sept. 13	Romanic	Boston	683	125	920
13	Germania	New York	319	20	280
14	Duca degli Abruzzi	do	487	45	450
15	San Giorgio	do	310	30	420
16	Perugia	do	134	20	160
16	Berlin	do	745	105	950
	Total		2,678	345	3,180

PALERMO.

Sept. 15	Duca degli Abruzzi	New York	272	450	200
16	San Giorgio	do	282	400	200
17	Perugia	do	216	400	200
	Total		770	1,250	600

*Rejections recommended.***NAPLES.**

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Other causes.	Total.
Sept. 13	Romanic	20	4	5	9	38
13	Germania	4	1	2	3	10
14	Duca degli Abruzzi	14	1	6	7	28
15	San Giorgio	9		5		14
16	Perugia	6		1	1	8
16	Berlin	21		13	7	41
	Total	74	6	32	27	139

PALERMO.

Sept. 15	Duca degli Abruzzi	21		16	1	38
16	San Giorgio	19		30	6	55
17	Perugia	13		22	2	37
	Total	53		68	9	130

JAPAN.**KOBE—Epidemic Dysentery in Kagawa Prefecture.**

Acting Assistant Surgeon Moore reports, September 1 and 7:

A serious epidemic of dysentery exists in this prefecture (Kagawa). During the week ended August 27, 438 cases were reported. A total of 2,550 cases with 522 deaths is reported, and the disease is spreading. (Population, 700,402.)

MOROCCO.**Plague.**

The Amercian vice consul-general at Tangier reported to the Department of State October 6:

Four deaths from plague have occurred among the French and native troops in camp between Rabat and Casa Blanca. The troops affected are isolated.

RUSSIA.**Status of Cholera.**

Acting Assistant Surgeon De Forest, at Libau, reports, September 18:

During the week ended September 16, 359 cases of cholera, with 135 deaths, were reported in the city and suburbs of St. Petersburg. In all Russia, exclusive of St. Petersburg, there were reported during the same period 8,505 cases with 4,051 deaths.

Week ended September 23: In the city and suburbs of St. Petersburg 296 cases of cholera were reported, with 97 deaths. In all Russia, exclusive of St. Petersburg, 6,091 cases, with 3,083 deaths.

LIBAU—Smallpox—Examination of Emigrants.

Doctor De Forest further reports:

During the week ended September 23 one case of smallpox was reported at Libau. There were 2 cases present at close of week. The steamship *Lituania* sailed from Libau September 13 with 1,134 passengers and a crew of 98. All had been in Libau for the full five days required. All had been vaccinated before embarkation. A quarantine of seven days is required for passengers coming from Odessa.

ODESSA—Cholera and Plague.

Consul Grout reports, August 29 and September 19:

Week ended August 27. There were reported 15 new cases of cholera, with 22 deaths, and at the close of the week 25 cases remaining in hospital. Total number of cases from outbreak to August 27, 512; deaths 278.

Week ended September 16. There were reported 18 new cases of cholera, with 9 deaths, and at the close of the week 17 cases remaining in hospital. The total number of cases from outbreak to September 16 was 568; deaths, 239.

Plague.—From the beginning of the outbreak to September 16 there have been reported 106 cases, with 28 deaths.

SIAM.**BANGKOK—Quarantine Against Singapore.**

The American chargé d'affaires reports August 18 through the Department of State:

Quarantine has been declared at Bangkok, by the minister of local government, against Singapore, on account of the existence of smallpox at that port.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

Reports Received During Week Ended October 14, 1910.

[These tables include cases and deaths recorded in reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls through the Department of State and from other sources.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Austria-Hungary:				
Hungary, general	Sept. 19-20	16		
Vienna	Sept. 11-17	2		
China:				
Dalny	Aug. 28-Sept. 3	1		
India:				
Bombay	Sept. 1-6		2	
Calcutta	Aug. 14-20		12	
Italy, general	Oct. 2-10	85	28	Outside of Naples. Including 8 cases and 5 deaths previously reported.
Naples	Oct. 2-10	80	18	
Bari, province:				
Barletta	Sept. 18-24	6	4	
Molfetta	do	27	6	
Triggiano	do	1		
Foggia, province:				
Cerignola	do	13	10	
Trinitapoli	do	8	5	
Java:				
Batavia	Aug. 21-27	16	6	
Persia:				
Erzeroum, vilayet	Aug. 22-Sept. 10	52	45	Including 10 cases and 8 deaths previously reported.
Morocco, general	Sept. 27		4	Between Rabat and Casa- blanca, among troops.
Russia general	Sept. 4-23	36,490	14,059	
Straits settlements:				
Singapore	Aug. 14-27	7	5	
Turkey:				
Constantinople	Sept. 19	25	9	
Turkey in Asia:				
Trebizond	Sept. 10-16	7	1	

YELLOW FEVER.

Brazil:				
Manaos	Sept. 4-10	1	1	
Para	Sept. 11-17	12	8	
Ecuador:				
Babahoyo	Sept. 1-15	1		Present.
Duran	Sept. 19			
Guayaquil	Sept. 1-15	1		Do.
Milagro	Sept. 19			

PLAGUE.

Brazil:				
Bahia	Aug. 6-19	3	3	
China:				
Hongkong	Aug. 21-27	1		
Ecuador:				
Babahoyo	Sept. 1-15	1		
Guayaquil	do	26	14	
Matilde, plantation	do	1		
India:				
Bombay	Sept. 1-6		17	
Calcutta	Aug. 14-20		12	
Rangoon	Aug. 21-27		7	
Russia:				
Odessa	Sept. 10-16	8	5	

SMALLPOX.

Brazil:				
Bahia	Aug. 6-19	36	27	
Para	Sept. 11-17	7		
Rio de Janeiro	Aug. 29-Sept. 4	6		
Canada:				
Dauphin	Sept. 15			Present.
Victoria	Sept. 18-24	1		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received During Week Ended October 14, 1910.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo	Aug. 21-27	1		
China:				
Shanghai	Aug. 29-Sept. 4		2	
India:				
Bombay	Sept. 1-6		1	
Calcutta	Aug. 14-20		1	
Rangoon	Aug. 21-27		1	
Japan:				
Formosa	Aug. 28-Sept. 3		1	
Gibraltar	Sept. 19-25	1		
Great Britain:				
Liverpool	Sept. 18-24	1		
Java:				
Batavia	Aug. 21-27	1		
Mexico:				
San Luis Potosi	Sept. 4-10	1	1	
Portugal:				
Lisbon	Sept. 11-17	53		
Russia:				
Moscow	Sept. 4-10	3	1	
Odessa	Sept. 4-10	1		
Riga	Sept. 11-17	4		
St. Petersburg	Sept. 4-10	14	5	
Warsaw	June 26-July 30		26	
Straits Settlements:				
Singapore	Aug. 14-27	39	11	
Switzerland:				
Zurich, canton	Sept. 11-17	1		
Uruguay:				
Montevideo	July 1-31	90	43	

Reports Received from June 25 to October 7, 1910.

[For reports received from January 1, 1910, to June 24, 1910, see PUBLIC HEALTH REPORTS for June 24, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Matrah	Sept. 29			Present.
Austria-Hungary:				
Galicia—				
Padwoloetzyska	June 20	1	1	From Russia.
Gonoyo	Sept. 3-6	1	1	
Mohacs	Aug. 25-26	1	1	
Nagybajos	Sept. 7	1	1	
Pozsony	Aug. 24-30	1	1	From the steamer Rogensburg.
Vienna	Aug. 21-Sept. 4	5	2	
Vorosmarion	Aug. 19-30	1	1	
China:				
Amoy	July 17-Aug. 13	5	5	
Fatshan	July 1			Epidemic.
Hankow	Aug. 7-13	2	1	
Hongkong	July 10-16	9	6	Imported.
Swaow	May 10-June 6		254	In vicinity from 3,000 to 4,000 deaths.
Colombo:				
Ceylon	July 3-9	1		
France:				
Marseille	Oct. 4	2	2	Among immigrants from Greece.
Germany:				
Kalthoff	Sept. 14	10	6	Suburb of Marienburg.
Ruhleben (near Berlin)	June 23-27	2	2	Among Russian emigrants.
Spandau (near Berlin)	Aug. 29	2	1	
India:				
Bombay	June 8-Aug. 30		25	
Calcutta	May 1-Aug. 13		451	
Kurrachee	July 24-30	1	1	
Madras	May 21-Aug. 26		23	
Moulmine	May 1-7	1	1	
Negatapam	Apr. 16-Aug. 12		199	
Rangoon	May 8-Aug. 20		15	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to October 7, 1910.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Italy:				
Naples.....	Sept. 25-Oct. 4....	166	79	
Rome.....	Sept. 27.....	4	1	
Apulia, department				Sept. 17-Oct. 2: Provinces of Bari
Province of Bari—				and Foggia, cases 71, deaths 33.
Andria.....	Aug. 17-Sept. 10..	35	25	
Barletta.....	Aug. 17-Sept. 17..	161	98	
Bisceglie.....	Aug. 17-20.....	2	2	
Bitonto.....	Aug. 17-Sept. 4...	3	1	
Canosa.....	Aug. 17-Sept. 10..	10	2	
Grumo Appula....	Aug. 17-27.....	1		
Molfetta.....	Aug. 17-Sept. 17..	36	20	
Ruvo.....	Aug. 17-27.....	3	1	
Spinazzola.....	Aug. 17-Sept. 4...	15	8	
Trani.....	Aug. 17-Sept. 10..	93	71	
Province of Foggia—				
Cerignola.....	Aug. 17-Sept. 10..	21	13	
Margherita di Savoia	Aug. 17-Sept. 10..	24	24	
Ortanova.....	Aug. 17-Sept. 10..	4	2	
San Ferdinando....	Aug. 17-Sept. 10..	15	15	
Trinitapoli.....	Aug. 17-Sept. 10..	45	23	
Province of Potenza—				
Genzano.....	Aug. 17-27.....	2	1	
Palazzo San Gervaso	Aug. 17-27.....	1	1	
Sardinia.....	Oct. 3.....	4	1	
Japan:				
Awaji Island.....	July 22-28.....	3		
Ibogan.....	Aug. 5.....	3	1	
Kobe.....	Sept. 21.....			Present.
Moji.....	Aug. 13.....	1		On s. s. Helios.
Nagasaki.....	Aug. 15.....	1		On s. s. Kasuga Maru from
				Shanghai.
Osaka.....	Aug. 6-13.....	1		
Yokohama.....	Aug. 22.....	1		On s. s. Siberia from Shanghai.
Java:				
Batavia.....	May 8-Aug. 20....	316	219	
Samarang.....	May 8-June 4.....	187	152	
Soerabaya.....	May 8-July 15....	103	56	Mainly among natives.
Korea:				
Chinampo.....	Aug. 26-27.....	2	1	From steamship Suma Maru.
Manchuria:				
Dalny.....	Aug. 21-27.....	2	1	
Netherlands:				
Rotterdam.....	July 23-29.....	1		From a vessel from Russia.
Persia:				
Ardabil.....	July 1-6.....	20	6	
Enzell.....	Aug. 20.....		3	
Erzeroum, province.	Aug. 31-Sept. 2...	10	8	
Hassan Branch.....	July 11-13.....	6	2	
Philippine Islands:				
Manila.....	May 22-Aug. 6....	122	89	July 29, one fatal case from s. s. Batangueno.
Provinces—				
Batangas.....	May 1-Aug. 6....	128	57	
Bulacan.....	May 1-Aug. 6....	678	472	
Cavite.....	June 12-30.....	3	2	
Mountain Province.	June 26-July 30...	4	3	
Nueva Ecija.....	June 26-Aug. 6....	329	223	
Pampanga.....	Apr. 24-Aug. 6....	232	211	
Pangasinan.....	Apr. 24-Aug. 6....	3,441	2,612	
Rizal.....	June 12-Aug. 6....	114	74	
Tarlac.....	May 8-Aug. 6....	108	79	
Union.....	May 1-July 30....	3	1	
Roumania:				
Galatz.....	Sept. 16.....	1	1	An Italian seaman.
Russia (total for all Russia):				
Amolinsk, territory.....	Aug. 7-27.....	247	143	
Archangel, government—				
Archangel.....	July 17-23.....	1		
Astrakhan, government.	July 3-Aug. 27....	1,546	690	
Baku, government.....	May 29-Aug. 20...	916	452	
Baku.....	July 3-Aug. 27....	773	321	
Bessarabia.....	June 5-Aug. 13....	55	16	
Black Sea, province....	July 3-Aug. 27....	482	156	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to October 7, 1910.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Cronstadt.....	July 17-Aug. 27...	176	90	
Daghestan, territory.....	July 17-Aug. 27...	690	195	
Don, territory.....	May 29-Aug. 27...	19,542	1,544	
Rostov on the Don.....	June 19-Aug. 27...	3,045	1,021	
Erlivan, government.....	July 24-Aug. 27...	539	252	
Esthonia, government—				
Reval.....	July 24-30.....	1	.....
Finland.....	Aug. 6.....	2	.....
Kaluga, government.....	July 17-Aug. 6.....	21	3	
Kars, territory.....	Aug. 7-27.....	380	171	
Kharkov, government.....	May 29-Aug. 27...	2,503	1,052	
Khazan.....	June 26-Aug. 27...	1,695	716	
Kherson, government.....	May 29-Aug. 27...	8,009	4,435	
Odessa.....	May 29-Aug. 27...	499	70	June 18-20: Fatal case on steamship Colenzo. Aug. 1-30: Cases 126, deaths 78.
Kief, government.....	May 29-Aug. 20...	1,365	494	
Kostroma, government.....	July 10-Aug. 27...	784	391	
Koutais, government.....	Aug. 7-27.....	266	215	
Kuban, government.....	May 29-Aug. 27...	18,823	9,904	
Kursk, government.....	June 26-Aug. 27...	4,698	1,766	
Livonia, government—				
Riga.....	Aug. 1-6.....	1	.....
Minsk, government.....	May 29-Aug. 27...	364	127	
Mohilev, government.....	May 15-Aug. 27...	150	65	
Moscow, government.....	July 24-Aug. 27...	106	49	
Moscow.....	July 10-30.....	10	5	
Nizhni Novgorod, government.....	July 3-Aug. 27...	1,506	633	
Novgorod, government.....	July 17-Aug. 27...	241	100	
Olonez, government.....	Aug. 14-20.....	1	1	
Orel, government.....	May 30-Aug. 27...	319	123	
Orenburg, government.....	July 17-Aug. 27...	1,025	552	
Orlov.....	July 3-9.....	22	8	
Perm, government.....	July 17-30.....	55	19	
Podolia, government.....	July 3-Aug. 27...	553	224	
Penza, government.....	July 10-Aug. 13...	401	138	
Perm, government.....	July 17-Aug. 27...	527	183	
Poltava, government.....	May 29-Aug. 27...	2,734	1,088	
Pskov, government.....	Aug. 14-27.....	3	1	
Rjasan, government.....	July 3-Aug. 27...	1,657	703	
St. Petersburg, government—				
St. Petersburg.....	July 10-Aug. 27...	306	149	
Samara, government.....	June 19-Aug. 27...	2,339	1,014	
Sarapul, government.....	June 19-Aug. 27...	6,671	2,999	
Saratov, government.....	July 17-Aug. 27...	1,010	539	
Saratov, government.....	June 19-Aug. 27...	3,559	1,430	
Simbirsk, government.....	June 19-Aug. 27...	2,380	1,065	
Smolensk.....	July 24-Aug. 27...	29	17	
Stavropol, government.....	June 26-Aug. 27...	3,689	1,780	
Syr Darya.....	July 24-Aug. 27...	35	24	
Tambov, government.....	June 19-Aug. 27...	2,948	1,402	
Taurida, government.....	May 29-Aug. 27...	3,851	1,902	
Kertsch.....	May 29-Aug. 27...	470	210	
Sebastopol.....	June 19-Aug. 27...	39	23	
Theodosia.....	June 19-25.....	.....	.....	Present.
Terek, territory.....	June 19-Aug. 27...	1,038	546	
Tiflis, government.....	July 17-Aug. 27...	1,171	453	
Tiflis.....	June 19-July 16...	113	41	
Tchernigov.....	May 29-Aug. 27...	1,054	378	
Tobolsk.....	Aug. 7-27.....	67	24	
Tomsk, government.....	Aug. 14-27.....	53	16	
Trans-Caspian, territory.....	July 3-Aug. 13....	57	24	
Trans-Caucasia—				
Tschernomorsk, district—				
Novorossysk.....	June 19-July 3....	7	6	
Tula, government.....	July 10-Aug. 27...	34	10	
Turgai, territory.....	July 24-Aug. 27...	38	22	
Tver, government.....	July 24-Aug. 27...	11	.....
Ufa, government.....	July 10-Aug. 20...	576	356	
Ural, territory.....	Aug. 14-27.....	25	16	
Vitebsk, government.....	May 29-Aug. 27...	61	11	
Veronesch, government.....	May 29-Aug. 27...	3,397	1,593	
Viatka.....	July 24-Aug. 27...	246	126	
Vladimir, government.....	July 24-Aug. 30...	7	2	
Volhynia, government.....	July 3-Aug. 27...	45	24	
Vologda, government.....	Aug. 14-27.....	111	70	
Warsaw, district.....	Aug. 25-Sept. 2...	25	28	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to October 7, 1910.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Yaroslav, government.....	July 24-Aug. 27...	899	464	
Yaroslav.....	July 10-23.....	25	13	
Yekaterinislav, govern- ment.	May 29-Aug. 27...	13,566	6,161	
Yellsavetpol.....	Aug. 7-13.....	2	1	
Slam:				
Bangkok.....	May 4-Aug. 13...	711	704	
Straits Settlements:				
Singapore.....	May 8-Aug. 13...	97	97	
Turkey:				
Trebizond.....	Sept. 18.....			Present.

YELLOW FEVER.

Brazil:				
Bahia.....	Apr. 30-June 3...	2	2	
Manaos.....	May 30-Aug. 27...	34	34	
Para.....	May 30-Sept. 10...	98	68	July 25: One death on steamship Augustine, en route from Para to Lisbon, 2 days previous to arrival at Madeira.
Pernambuco.....	May 16.....	21	1	
Costa Rica:				
Limon.....	July 9-14.....	1	1	
San Jose.....	May 28-July 9...	3	2	Fatal case May 28 from Barranquilla; case June 29 from Siquires; fatal case July 9 from Tivives.
Siquires.....	July 31.....	1	1	
Ecuador:				
Duran.....	Aug. 16-31.....	1		
Guayaquil.....	May 16-Aug. 31...	64	27	
Milagro.....	Aug. 16-31.....	2	1	
Gold Coast:				
Sekondi.....	May 1-27.....	8	8	
Mexico:				
Campeche.....	Oct. 1.....	3		
Sierra Leone:				
Freetown.....	May 1-Aug. 1....	7	7	
Sherboro.....	May 20.....			Present.
Venezuela:				
Caracas.....	Sept. 17.....			Do.
La Guaira.....	June 16-30.....		1	

PLAGUE.

Argentina:				
Rosario.....	Feb. 1-28.....	1	1	
Tucuman.....	Feb. 26-May 31...	37	16	
Brazil:				
Bahia.....	Apr. 30-Aug. 13...	6	6	
Para.....	Sept. 21.....			Present.
Pernambuco.....	Apr. 1-June 30...		2	
Rio de Janeiro.....	June 5-Aug. 31...	2	1	
Chile, general.....	Jan. 1-May 31...	104	35	
Iquique.....	May 8-Aug. 27...	37	12	
Mejillones.....	Apr. 27.....			Do.
Pisagua.....	Apr. 1-May 31...	14	4	
Taltal.....	Apr. 1-27.....	12		
China:				
Amoy.....	July 3-Aug. 20...		10	May 8-June 11, 8 to 12 deaths daily. Aug. 6, present in vicinity.
Kulangsui, interna- tional city.	June 5-11.....		1	
Canton.....	July 13-Aug. 6....	43	31	
Chao Yang district.....	May 5-19.....		3,000	Mainly at Ho Peng. Present also at Chelin, Feng-chow-so, Taipushien, and Tsai-tang-shi.
Chang-pu district.....	June 11.....			Epidemic.
Ching-chew district.....	June 11.....			Do.
Hankow.....	May 15-28.....	5	3	
Hongkong.....	May 8-Aug. 13...	19	18	
Swatow.....	June 1-July 11...			Present in vicinity.
Ecuador:				
Guayaquil.....	May 16-Aug. 31...	43	9	
Roca fuerte.....	Aug. 16-31.....	1		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to October 7, 1910.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt:				
Alexandria.....	May 24-Sept. 6....	23	13	
Ishmalia.....	June 19.....	1	1	
Port Said.....	June 14-Aug. 27....	27	11	
Provinces—				
Assiout.....	May 26-Sept. 7....	18	9	
Assouan.....	Apr. 30-June 8....	2	2	
Beni Souef.....	May 27-June 29....	8	5	
Dakalyieh.....	Aug. 16-26.....	3	2	
Gallioobeh.....	May 21-July 29....	8	1	
Garbieh.....	May 14-Aug. 27....	25	11	
Fayoum.....	May 28-July 11....	20	14	
Kena.....	May 27-June 18....	24	22	
Menouf.....	May 24-July 22....	117	22	
Minieh.....	May 31-Aug. 19....	24	9	
Hawaii:				
Honolulu.....	July 5-12.....	2	2	
India:				
Bombay.....	May 18-Aug. 30....		843	
Calcutta.....	May 1-Aug. 13....		503	
Kurrachee.....	May 18-Aug. 27....	309	299	
Madras.....	June 25-July 1....		1	
Rangoon.....	May 8-Aug. 20....		413	
Bombay Presidency and Sind.....	May 1-Aug. 27....	6,085	4,477	
Madras Presidency.....	May 1-Aug. 27....	616	486	
Bengal.....	May 1-Aug. 27....	1,548	1,371	
United provinces.....	May 1-Aug. 27....	6,670	6,039	
Punjab.....	May 1-Aug. 27....	43,958	38,304	
Burma.....	May 1-Aug. 27....	1,675	1,586	
Eastern Bengal and Assam.....	June 12-July 9....	48	45	
Central provinces, including Berar.....	May 1-Aug. 27....	1,278	719	
Mysore State.....	May 1-Aug. 27....	882	614	
Hyderabad State.....	May 1-Aug. 27....	704	619	
Central India.....	May 1-Aug. 27....	231	123	
Rajputana and Ajmer-Merwara.....	May 1-Aug. 27....	8,246	7,254	
Kashmir.....	May 1-June 11....	58	49	
North West Province.....	June 12-18....	3	3	
Grand total.....		72,002	61,689	
Japan:				
Formosa.....	May 8-June 18....	16	12	
Osaka.....	May 1-June 25....	9	9	
Yokohama.....	Aug. 31.....	1	1	On steamship Manchuria from Hongkong.
Malta:				
Valletta.....	July 16.....	1		In quarantine station on Comino Island, from s. s. North Wales.
Mauritius.....	Apr. 1-July 29....	22	10	
New Zealand:				
Auckland.....	May 23.....	1		
Persia:				
Bouchir.....	Apr. 29-June 25....	51	40	
Peru:				
Arequipa Department.....	Mar. 1-31.....	16	8	
Mollendo.....	May 16-June 19....	1	1	Aug. 12, one case.
Callao Department.....	Mar. 1-31.....	2		
Callao.....	May 12-19.....	2		Case May 12 from s. s. Victoria; case May 19 from s. s. Nicarle; June 28, present.
Lambayeque Department.....	Mar. 1-July 31....	40	20	
Libertad Department.....	Mar. 1-July 31....	55	39	
Lima Department.....	Mar. 1-July 31....	20	12	
Piura Department.....	Mar. 1-July 31....	6	3	
Rhodes:				
Aplakia.....	May 22-28.....			Present.
Russia:				
Astrakhan, government—				
Khargiz Steppe.....	June 26-July 7....	13	12	In Kalmuk and Narinsk
Moscow.....	Aug. 14-Sept. 3....	2	1	
Odessa.....	July 18-Sept. 10....	98	23	
St. Petersburg.....	May 6-28.....	3	3	
Slam:				
Bangkok.....	Apr. 25-Aug. 13....	26	23	
Straits Settlements:				
Singapore.....	May 8-28.....	3	3	
Trinidad:				
Port of Spain.....	May 15-July 14....	2	2	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to October 7, 1910.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Tunis:				
Tunis.....	June 30.....	5	3	
Turkey in Asia:				
Basra.....	June 12-Aug. 13...	5	4	And vicinity.
Lobela.....	May 1-24.....	25	27	
Venezuela:				
Caracas.....	July 30-Aug. 13...	2	2	
Zanzibar:				
Zanzibar.....	Sept. 10.....	1		

SMALLPOX.

Abyssinia:				
Adis Ababa.....	May 16-Aug. 20.....			Present.
Argentina:				
Buenos Aires.....	Feb. 1-June 30.....		362	Epidemic. Report for February received out of date. Epidemic.
Mendoza, province.....	July 27.....			
Rosario.....	Feb. 1-July 31.....	6	6	
San Juan, province.....	July 27.....			
Algeria:				
Bona.....	May 1-31.....	1	1	
Arabia:				
Maskat.....	July 19-23.....	1		
Australia:				
Victoria, general.....	Apr. 3-19.....	1	1	
Austria-Hungary:				
Bukowina.....	July 10-16.....	1		
Galicia.....	May 29-July 23.....	5		From steamship Byron.
Barbados.....	Aug. 16.....	1		
Belgium:				
Antwerp.....	July 24-Sept. 10.....	2		
Ghent.....	July 24-Sept. 10.....		2	
Brazil:				
Bahia.....	Apr. 30-Aug. 5.....	270	206	Present.
Campinas.....	July 17-23.....		1	
Manaos.....	Aug. 6-Sept. 3.....			
Para.....	May 29-Sept. 10.....	46	18	
Pernambuco.....	Mar. 16-June 30.....		331	
Rio de Janeiro.....	Apr. 18-July 21.....	7		
Santos.....	May 22-July 16.....		11	
Sao Paulo.....	June 12-25.....		4	
Canada:				
British Columbia—				
Fernie.....	June 12-25.....	4		
Vancouver.....	May 1-31.....	2		
Victoria.....	Aug. 21-Sept. 3.....	2		
Manitoba—				
Winnipeg.....	June 19-25.....	1		
Nova Scotia—				
Halifax.....	June 14-Sept. 24.....	14		
Pictou.....	June 12-July 23.....	9	1	
Sydney.....	July 3-16.....	20		
Ontario—				
Toronto.....	June 5-Aug. 27.....	12		
Ceylon:				
Colombo.....	June 26-July 30.....	1	1	
Chile:				
Antofagasta.....	July 3-9.....	4		Epidemic. Present. Deaths not reported. Present.
Chilean.....	May 14.....			
Santiago.....	June 19-25.....			
Valparaiso.....	May 19-Sept. 3.....	207		
Victoria.....	May 14.....			
China:				
Canton.....	May 8-28.....	9		June 5—Present. July 2—One case from a vessel.
Chefoo.....	June 18-July 2.....	1	1	
Hongkong.....	May 8-July 30.....	6	3	Present. Cases among foreigners, deaths among natives. June 9—Three cases from U. S. cruiser New Orleans from Nanking.
Nanking.....	May 7-Aug. 13.....			
Shanghai.....	May 22-Sept. 4.....	5	47	
Swatow.....	June 6-July 17.....			Present.
Tsingtau.....	June 12-18.....	2		
Cuba:				
Habana.....	Sept. 17.....	1		On s. s. Corcovado, from Coruna.
Egypt, general.....	Apr. 30-June 17.....	415	85	
Alexandria.....	May 1-June 30.....	4	10	
Cairo.....	May 21-Aug. 5.....	10	5	
Suez.....	May 21-27.....	1		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to October 7, 1910.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
France:				
Paris.....	May 29-Sept. 3....	34	.....
Germany, general.....	May 29-Sept. 10..	19	.....
Hamburg.....	June 5-11.....	1	.....
Gibraltar.....	June 20-Sept. 11...	5	2	
Great Britain:				
Liverpool.....	July 17-Aug. 20....	2	.....
London.....	June 19-Aug. 6....	6	.....
South Shields.....	May 22-June 4....	4	1	
Hawaii:				
Hilo.....	Sept. 10.....	1	.....	Case on s. s. <i>Wilhelmina</i> , from San Francisco via Honolulu.
India:				
Bombay.....	May 18-Aug. 16....	.....	116	
Calcutta.....	July 10-16.....	.....	1	
Kurrachee.....	May 15-July 16....	12	3	
Madras.....	May 14-Aug. 26....	.....	24	
Rangoon.....	May 8-Aug. 6.....	.....	37	
Italy, general.....	May 30-Aug. 7....	66	.....
Genoa.....	June 16-30.....	1	.....
Naples.....	May 30-Aug. 21....	88	17	June 26—One case from s. s. <i>San Giovanni</i> . One case, July 3, on s. s. <i>Pannonia</i>
Japan:				
Formosa.....	May 22-July 16....	3	4	
Java:				
Batavia.....	May 22-July 20....	4	.....
Korea:				
Fusan.....	May 1-7.....	1	.....
Seoul.....	May 26-July 2....	3	4	
Malta.....	May 22-July 30....	18	2	
Mexico:				
Aguascalientes.....	June 5-Sept. 17....	.....	28	
Guadalajara.....	June 11-July 2....	.....	6	
Mexico.....	May 15-Aug. 20....	.....	30	
San Luis Potosi.....	May 29-July 30....	9	5	
Veracruz.....	July 3-9.....	1	.....
Netherlands:				
Rotterdam.....	Sept. 4-17.....	.....	1	
Persia:				
Kerman.....	July 2.....	.....	.....	Present.
Teheran.....	May 1-31.....	.....	28	Among pilgrims.
Portugal:				
Lisbon.....	May 20-Sept. 10..	668	.....	Jan. 1-Aug. 6, deaths 150.
Russia:				
Liban.....	May 30-Sept. 4....	143	9	
Moscow.....	May 22-Sept. 3....	174	66	
Odessa.....	May 22-July 30....	50	12	
Riga.....	May 29-Sept. 10..	400	.....	Apr. 1-June 30, deaths 88.
St. Petersburg.....	May 8-Sept. 3....	424	167	
Warsaw.....	Mar. 6-June 25....	.....	148	
Siam:				
Bangkok.....	Apr. 25-June 18....	3	3	
Siberia:				
Vladivostok.....	Apr. 22-Aug. 13..	9	1	
Spain:				
Almeria.....	June 1-Aug. 31....	.....	3	
Barcelona.....	May 31-Sept. 4....	.....	17	
Cadiz.....	May 1-31.....	.....	1	
Madrid.....	May 1-Aug. 31....	.....	8	
Seville.....	May 1-Aug. 30....	.....	5	
Valencia.....	June 19-July 23....	6	.....
Vigo.....	June 12-Sept. 18..	.....	8	
Straits Settlements:				
Penang.....	May 29-Aug. 20....	14	7	
Singapore.....	May 8-Aug. 13....	147	46	
Switzerland:				
Thurgau, Canton.....	July 10-16.....	1	.....
Zurich, Canton.....	June 19-Aug. 27....	8	.....
Tripoli:				
Tripoli.....	June 12-18.....	1	.....
Turkey:				
Constantinople.....	Aug. 22-28.....	.....	1	
Turkey in Asia:				
Basra.....	June 5-Aug. 13....	.....	.....	Present.
Uruguay:				
Montevideo.....	Apr. 1-June 30....	654	273	
San Jose.....	July 7.....	.....	.....	Do.
Zanzibar:				
Zanzibar.....	June 1-Aug. 21....	125	57	

MORTALITY.

WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Amsterdam.....	Sept. 24	372,074	99	13						1	1	2		
Antwerp.....	Sept. 17	326,351	64	4								1		
Athens.....	Sept. 10	250,010	89	13						10				1
Bahia.....	Aug. 12	286,000	106	13	2			15						
Do.....	Aug. 19		85	11	1			12						
Barranquilla.....	Sept. 10	40,000	21							2				
Do.....	Sept. 17		20	1										
Batavia.....	Aug. 27	217,630	10			6								
Belfast.....	Sept. 17	391,167	116	27								1	1	1
Belgrade.....	do.....	80,000	37									1		
Berlin.....	Sept. 10	2,129,437	511	99								3	15	3
Birmingham.....	Sept. 24	570,113	140							1	2	2		4
Bordeaux.....	Aug. 6	253,000	80	6										1
Do.....	Aug. 13		98	14						1		2	1	1
Do.....	Aug. 20		102	18								1		1
Do.....	Aug. 27		82	11						1		1		
Do.....	Sept. 3		85	15						2				
Do.....	Sept. 10		89	13										1
Do.....	Sept. 17		80	12						1				1
Bombay.....	Sept. 6	977,822	573	51	17	2		1				1	2	
Bremen.....	Sept. 17	241,653	56	9									2	
Bristol.....	Sept. 24	382,550	75	7								2		1
Budapest.....	Sept. 17	950,610								1	8	3		1
Cairo.....	Sept. 16	677,663	486	26					4	2		18	6	
Calcutta.....	Aug. 20	847,796	342	28	12	12		1					1	
Catania.....	Sept. 17	210,000	64	9						1				
Chihuahua.....	Sept. 25	37,000	20									1		
Christiania.....	Sept. 17	250,000	44	6								1		
Colombo.....	Aug. 27	187,554	121	14						8				
Copenhagen.....	Sept. 10	455,000	111	8							2	2		2
Dalny.....	Sept. 3	44,456	40							2				
Dublin.....	Sept. 10	462,928	141	36						1	1			3
Do.....	Sept. 17		153	24						1	2	2		2
Dundee.....	Sept. 24	170,206	49	5								1	1	1
Edinburgh.....	Sept. 17	360,276	81								1	2		1
Fort William.....	Sept. 19	3,633	9							1				
Gothenberg.....	Sept. 10	164,100	28	5								1		1
Do.....	Sept. 17		42	10						1		1		
Guadalajara.....	Sept. 24	116,757	84							3				
Georgetown.....	Sept. 10	56,000	52	4						1		1		
Ghent.....	Sept. 17	165,475	52	6						1				
London.....	Sept. 17	7,537,196	1,548							8	7	11	29	18
Lyons.....	Aug. 20	500,000	157	26							1	1	1	
Hamburg.....	Sept. 17	895,804	218	18						2				
Hongkong.....	Aug. 27	306,455								1				
Hull.....	Sept. 24	280,006	96							1				
Kingston.....	Oct. 1	19,193	3							1				
La Paz.....	Sept. 10	5,000	5							1				
Leeds.....	Sept. 24	490,985	129	5						1		2	2	5
Libau.....	Sept. 18	90,000								1				
Liege.....	Sept. 17	176,723	40	6								1		1
Liverpool.....	Sept. 24	767,606	256	16								6	2	5
London.....	Sept. 27	7,537,196	1,548							8	7	11	29	18
Lyon.....	Aug. 27	500,000	132	20							1			1
Madras.....	Sept. 2	550,000	453			4		3					2	
Magdeburg.....	Sept. 3	279,988	93	6								4		
Do.....	Sept. 10		81	6						1		1	1	4
Manaos.....	do.....	50,000	27	1			1							
Manchester.....	Sept. 17	631,533	194	10						1		2	2	8
Mexico.....	Aug. 27	560,000	321	20					3	9				1
Do.....	Sept. 3		355	25					1	11		1		3
Monterey.....	Sept. 25	100,000	49	5										1
Montreal.....	Oct. 1	450,000	165	9							2	3	4	2
Moscow.....	Sept. 10	1,500,000	682	58		5		1	2	5	15	19	6	7
Munich.....	do.....	576,000	176	27									6	
Do.....	Sept. 17		194	20								1	3	1
Newcastle-on-Tyne.....	do.....	285,891	79	3										
Odessa.....	Sept. 3	546,000	165	6	2					5	6	5	3	
Do.....	Sept. 10		206	26	6	14				6	11	7		1

MORTALITY—Continued.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.
Palermo.....	Sept. 17	340,000	131	9				1		1	1	1
Para.....	do.....	185,000	66	7			8					
Port Said.....	Sept. 16	53,711	29	1					3			
Quebec.....	Oct. 1	85,000	1								1	
Rangoon.....	Aug. 27	252,155	149	4	7			1				
St. Petersburg.....	Sept. 10	1,678,000	713	89		121		5	9	16	4	8
Salina Cruz.....	Sept. 17	4,500	5					1				
San Luis Potosi.....	Sept. 10	82,479	61	7				1	1		2	
Santa Cruz de Tenerife.....	Sept. 11	46,000	19	1						2	1	
Santiago de Cuba.....	Sept. 24	45,497	24	4						1		
Sao Paulo.....	July 3	314,000	122	13							1	
Do.....	July 10		125	9							2	1
Do.....	July 17		132						1		1	1
Do.....	July 24		119	10								2
Do.....	July 31		114	11							1	1
Do.....	Aug. 7		108	4					1		1	3
Shanghai.....	Sept. 4	565,000	244	19				2			1	
Singapore.....	Aug. 20	271,060	244	25		3		2	1		1	
Do.....	Aug. 27		223	28		2		9	3			
Southampton.....	Sept. 24	127,157	17	4						1		1
Stockholm.....	Sept. 3	341,816	82	12							1	
Do.....	Sept. 10		69	16								
Vienna.....	Sept. 3	2,107,981	505	81					3	5	4	2
Do.....	Sept. 17		597	92					2	5	3	4
Warsaw.....	July 16	781,179	285	25				9	1	9	3	6
Winnipeg.....	Oct. 1	135,000	46	2						3	6	1
Yokohama.....	Sept. 12	407,432							4			

MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES
(untabulated).

ALGERIA—*Algiers*.—Month of August, 1910. Population, 152,358. Total number of deaths from all causes 270, including typhus fever 2, tuberculosis 34.

ARGENTINA—*Rosario*.—Month of July, 1910. Population, 194,691. Total number of deaths from all causes 357, including typhoid fever 2, smallpox 2, measles 1, scarlet fever 2, diphtheria 7, tuberculosis 41.

AUSTRALIA—*Newcastle*.—Month of July, 1910. Population, 55,450. Total number of deaths from all causes 50, including tuberculosis 4.

Victoria, State of.—Three months ended June 30, 1910. Population, 1,297,557. Total number of deaths from all causes not reported. One death from typhoid fever, 2 from scarlet fever, and 6 from diphtheria reported.

Melbourne.—Four weeks ended August 23, 1910. Population, 562,300. Total number of deaths from all causes not reported. Two deaths from typhoid fever, 2 from scarlet fever, and 6 from diphtheria reported.

BRAZIL—*Rio de Janeiro*.—Five weeks ended August 21, 1910. Population, 850,000. Total number of deaths from all causes 1,713, including typhoid fever 2, measles 46, diphtheria 8, tuberculosis 211.

CANADA—*Yukon Territory—Dawson.*—Month of August, 1910. Population, 5,000. Total number of deaths from all causes 3, including typhoid fever 1.

DUTCH GUIANA—*Paramaribo.*—Month of August, 1910. Population, 36,496. Total number of deaths from all causes 87.

EAST AFRICA—*Laurenco Marquez.*—Month of July, 1910. Population 10,000. Total number of deaths from all causes 40, including tuberculosis 6.

FORMOSA.—Four weeks ended September 3, 1910. Population, 3,132,335. Total number of deaths from all causes not reported. Deaths include typhoid fever 12, diphtheria 4, plague 1.

FRANCE—*Marseille.*—Month of August, 1910. Population, 517,498. Total number of deaths from all causes 720, including typhoid fever 19, measles 7, scarlet fever 1, tuberculosis 105.

Roubaix.—Month of August, 1910. Population, 121,115. Total number of deaths from all causes 161, including measles 4, tuberculosis 23.

Toulon.—Month of August, 1910. Population, 101,602. Total number of deaths from all causes 140, including typhoid fever 8, tuberculosis 13.

St. Etienne.—Two weeks ended September 15, 1910. Population, 150,000. Total number of deaths from all causes 115, including measles 1, diphtheria 1, tuberculosis 17.

GREAT BRITAIN.—Week ended August 20, 1910.

England and Wales.—The deaths registered in 77 great towns correspond to an annual rate of 11.5 per 1,000 of the population, which is estimated at 16,940,895.

Ireland.—The deaths registered in 21 principal town districts correspond to an annual rate of 16.3 per 1,000 of the population, which is estimated at 1,151,790. The lowest rate was reported at Galway, viz, 7.8, and the highest at Clonmel, viz, 35.9 per 1,000.

Scotland.—The deaths registered in 8 principal towns correspond to an annual rate of 13.3 per 1,000 of the population, which is estimated at 1,181,936. The lowest rate was reported at Leith, viz, 6, and the highest at Greenock, viz, 16.3 per 1,000. The total number of deaths was 481, including measles 2, scarlet fever 8, diphtheria 6.

INDIA—*Rangoon.*—Month of July, 1910. Population, 301,259. Total number of deaths from all causes 836, including smallpox 5, measles 2, plague 134, tuberculosis 29.

MALTA.—Two weeks ended September 30, 1910. Population, 215,879. Total number of deaths from all causes 171, including typhoid fever 1, diphtheria 1, tuberculosis 6.

NEW ZEALAND.—Month of May, 1910.

Auckland.—Population, 97,929. Total number of deaths 60, including diphtheria 2, tuberculosis 4.

Christchurch.—Population, 78,605. Total number of deaths 58, including tuberculosis 8.

Dunedin.—Population, 62,584. Total number of deaths 43, including tuberculosis 1.

Wellington.—Population, 76,390. Total number of deaths 43, including diphtheria 1, tuberculosis 3.

ST. THOMAS.—Two weeks ended September 16, 1910. Population, 12,019. Total number of deaths from all causes 28, including typhoid fever 1, tuberculosis 1.

SIAM—Bangkok.—Four weeks ended August 13, 1910. Population, 600,000. Total number of deaths from all causes not reported; 63 deaths from cholera and 3 from plague reported.

SOUTH AFRICA—Johannesburg.—Two weeks ended August 20, 1910. Population, 180,687. Total number of deaths from all causes 178, including typhoid fever 8, measles 2, tuberculosis 20.

SPAIN—Cadiz.—Month of August, 1910. Population, 69,382. Total number of deaths from all causes 131, including typhoid fever 1, diphtheria 1, tuberculosis 23.

Huelva.—Month of July, 1910. Population, 24,000. Total number of deaths from all causes 69, including typhoid fever 2, tuberculosis 2.

Madrid.—Month of August, 1910. Population, 595,000. Total number of deaths from all causes 1,030, including typhus fever 4, typhoid fever 18, smallpox 3, measles 24, scarlet fever 10, diphtheria 6, tuberculosis 156.

TASMANIA—Hobart.—Month of July, 1910. Population, 185,387. Total number of deaths from all causes 167, including diphtheria 5 tuberculosis 12.

TURKS ISLANDS.—Two weeks ended September 24, 1910. Population, 1,800. No deaths and no contagious diseases reported.

URUGUAY—Montevideo.—Month of July, 1910. Population, 321,224. Total number of deaths from all causes 486, including typhoid fever 4, smallpox 43, diphtheria 1, tuberculosis 55.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.

